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ERTS & MERKEL BROS., INC.

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U. S. Department of Agriculture

ORCHIDS - TROPICAL FOLIAGE PLANTS



Our display in the 1957 International Orchid Show in Miami, Florida, was awarded the Silver Medal of the American Orchid Society as the Most Meritorious Exhibit in the show. It also received the Medallion and the Silver Trophy of the South Florida Orchid Society.

HYDROMIX AUTOMATIC GARDENER

(Dispenser for Fertilizers and Insecticides)



- ★ Gives accurate proportioning at all water pressures.
- ★ No change in solution strength during application.
- ★ Operates with all types of nozzles and sprinklers.
- ★ Absolutely safe. Will not burn if used as directed.
- ★ Attaches to faucet. Nothing to lug around.

HYDROMIX AUTOMATIC GARDENER is not a siphoning device. It operates on hydraulic principles. It mixes scientifically and accurately one part of concentrated chemicals to 100 parts of water—under any average water pressure—without danger of feedback. A quart

bottle of concentrate makes 25 gallons of solution. The HYDROMIX AUTOMATIC GARDENER may be used for spraying **HYDROMIX GARDEN INSECTICIDE** listed on order blank which contains Malathion and Methoxychlor. This will control most insect pests of orchids as scale, thrips, red spiders, mealy bugs and beetles.

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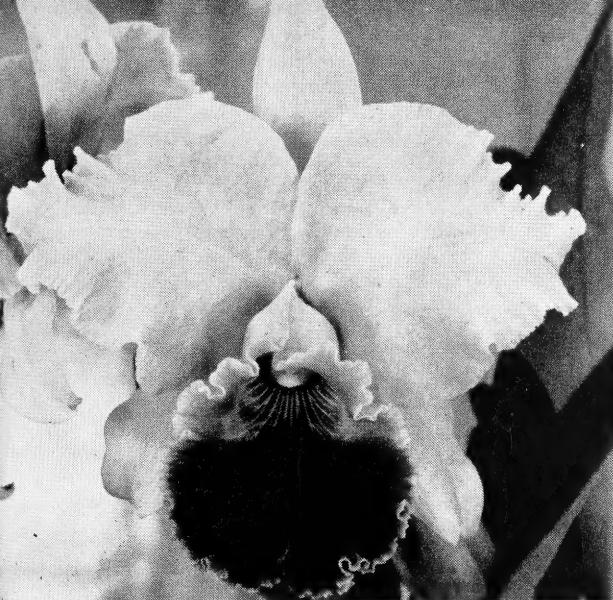
TIME REQUIRED FOR CATTLEYA HYBRID SEEDLINGS TO FLOWER

The rate of growth depends on the care given. However, under proper conditions, we estimate the following length of time until seedlings reach flowering size:

1 3/4 "	—3 1/2 to 4 1/2 years
2 1/4 "	—3 to 4 years
2 1/2 "	—2 1/2 to 3 1/2 years
3 "	—2 to 3 years
3 1/2 "	—1 1/2 to 2 1/2 years
4 "	—1 to 1 1/2 years
5 "	—flowering size or will next growth

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#809 Lc. MARY NOBLE

#781 Blc. IVY MERKEL

(Both first flowering)

CATTLEYA HYBRID SEEDLINGS

Our fine hybrid seedlings are crosses made with outstanding parents and are the results of many years of experience in hybridizing. Some of the parents are pictured in this catalog. It is expected that the seedlings will be as fine or finer. We do not sell our stud plants. Some of the following crosses are also available in flowering size listed on pages 18-22. Those below are all unflowered except some of the larger sizes. Please indicate if you wish all seedlings unflowered. For estimated time until blooming see page 2. For quantity discount see page 41.

LAVENDER FLOWERS

781 Blc. IVY MERKEL (Bc. *Imperialis* var. *Majestic* x Lc. *Florida*) Late fall, winter. Flowers from Thanksgiving until Valentine's Day. Show quality. See photo above.
4 1/2"—12.50 5"—15.00 5 1/2"—17.50 6"—20.00-25.00

793 Lc. MARY NOBLE (C. *Enid* #250 x Lc. *Miami*) Various. Flowers are large and have fine shape, heavy texture, good rich color. Plants grow vigorously.
4"—10.00-12.50 5"—15.00-20.00 5 1/2"—22.50-25.00

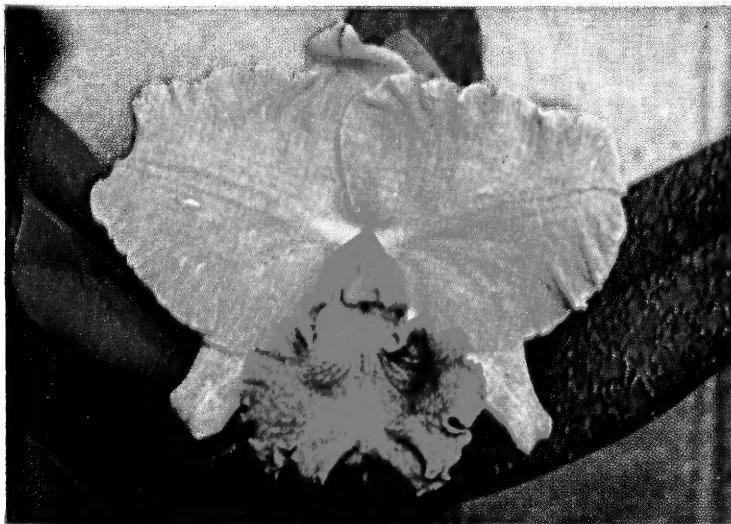
797 Lc. EMMIE LIVINGSTON (C. *Clotho* x Lc. *Miami* var. *Silver Bowl* FCC-AOS). Fall-winter, around the Christmas holidays. Lc. *Miami* *Silver Bowl* is one of the finest of a group that has yielded 85-90% exhibition type flowers. This hybrid is proving itself a winner.
4"—10.00 4 1/2"—12.50 5"—15.00-20.00

799 Lc. SYMPHONY (Lc. *Florida* x Lc. *Frank J. Lind*). Fall, winter. Lc. *Florida* has the same exceptional qualities as Lc. *Miami*. Lind has a perfectly round shape and dark color. It is not free-flowering, but combined with free-flowering *Florida* has produced ideal results.
4"—12.50 4 1/2"—15.00 5"—17.50-22.50

809 Lc. MARY NOBLE (C. *Enid* var. *Golden West* x Lc. *Miami*). Various. When a very fine *Enid* is used the results are almost invariably good provided the other parent is a tested breeder. The Lc. *Miami* helps give an abundance of very fine flowers, mostly in the winter. See photo above.
4 1/2"—12.50 5"—15.00 5 1/2"—17.50 6"—20.00

Time Tested

Time-tested parents produce prize-winning offspring. Shown on these pages are some of our proven stud plants and



Above: #765 Lc. MOTT
H. PARTIN
Var. Majestic
(First Flowering)



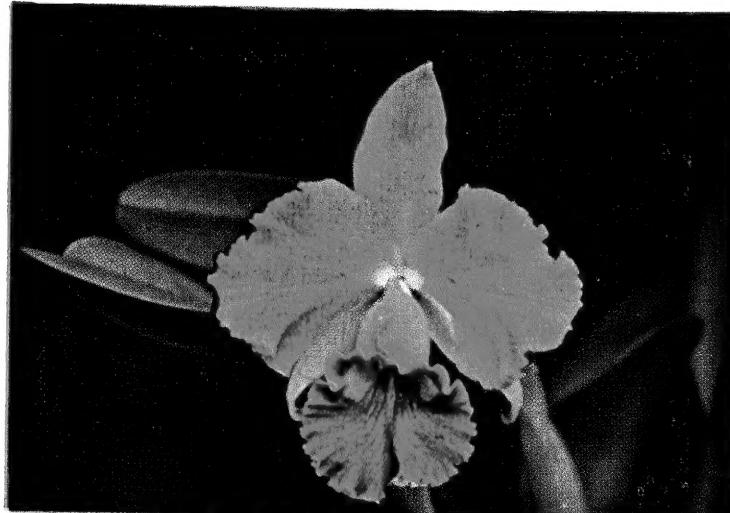
Right: Lc. MIAMI
Var. Glory
Parent #764, 790, 1038
2088, 2102



Left: #766 Blc. SANFORD
Var. Boynton AM- AOS

Hybrids

some of the award seedlings which have resulted from selective breeding of fine orchids.



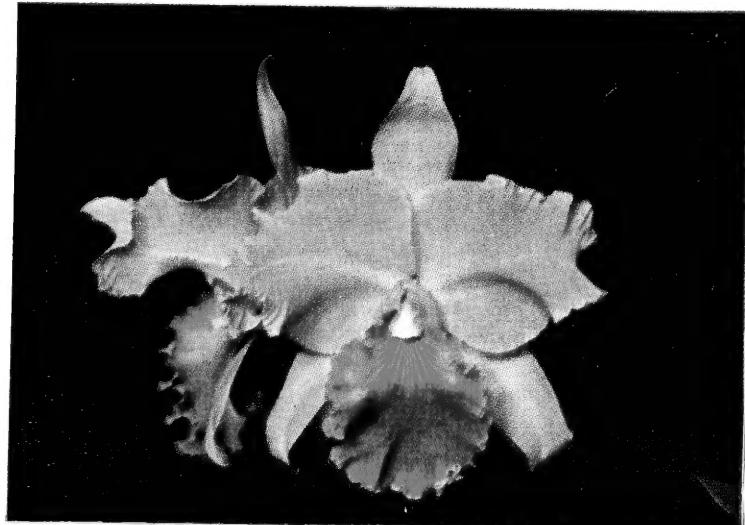
**Above: Lc. HELEN WILMER
Var. Superba**

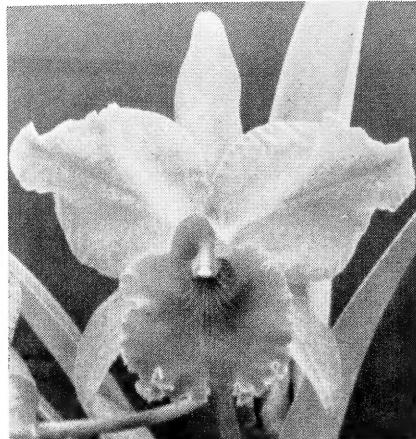
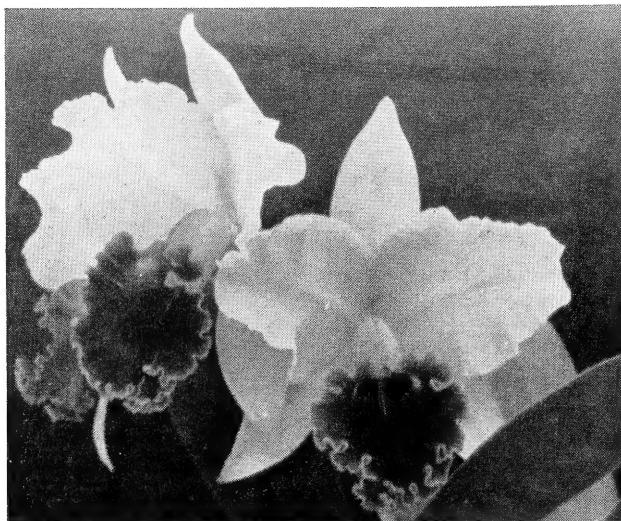
Parent #767, 768, 776,
2086, 2100, 2107, 2135

Left: Lc. CARDINAL
Parent #919, 1087,
1088, 2008

**Right: Lc. FLORIDA
Var. Ann**

We list several Florida
Crosses





#932 C. EDITH BARRUS

#933 Lc. SALLY BAKER

810 Lc. EMMIE LIVINGSTON (C. Clotho var. Rosea x Lc. Miami var. Silver Bowl FCC-AOS) Fall thru winter. Same as 797, repeated with another Clotho because of its excellent promise. Clear rosy color, very fine shape, very dark lip, yellow eyes, heavy texture.
4 1/2"—12.50 5"—15.00 5 1/2"—17.50 6"—20.00

911 Lc. YULETIDE (C. Clotho 119 strain x Lc. Florida) Fall thru winter. Similar to 810. Florida is unusually dark, heavy-textured and long-lasting. A fine Clotho was used to fix the flowering to the Christmas season.
4"—10.00 4 1/2"—12.50 5"—15.00

918 Lc. CHARLES MOTT (Lc. Florida x Lc. Momus AM) Fall. A cross of two well-known parents that give a superior fall hybrid with good growth characteristics. The flowers are dark and heavy texture.
5"—15.00 5 1/2"—17.50 6"—20.00

920 C. TANGO (C. Ruby x Cattleya A. J. Ruck). C. Ruby has the darkest maroon sepals and petals and lip imaginable, and it blooms twice a year. The parentage is unknown as it was raised in a batch of seedlings from which the label was lost. We have crossed it with a very dark A. J. Ruck. The seedlings have riotous reddish color.
4"—10.00 4 1/2"—15.00 5"—17.50

932 C. EDITH BARRUS (C. Princess x C. Ruby) Fall, winter. Princess is a large bold flower of heavy texture that flowers regularly during December. Color is uniform lavender in sepals and petals, labellum is deep rose and ruffled. Ruby is described in 920. Some seedlings have dark flowers, some are white-colored-lip.
4 1/2"—12.50 5"—15.00 5 1/2"—17.50

933 Lc. SALLY BAKER (Lc. Florida x Lc. Boadicea var. The Queen) Fall. This cross yields the large heavy-textured dark maroon-purple flowers that take prizes in flower shows. See photo above.
5"—15.00 5 1/2"—20.00

940 Lc. DIXIE (Lc. Florida var. Royal x Lc. Miami var. Silver Bowl FCC-AOS) Sept.-Dec. See 797 for description of Miami var. Silver Bowl. Florida has extremely dark sepals and petals, bright maroon lip and fine form.
5"—15.00



Bc. CLARA ALBERTS, Parent # 988

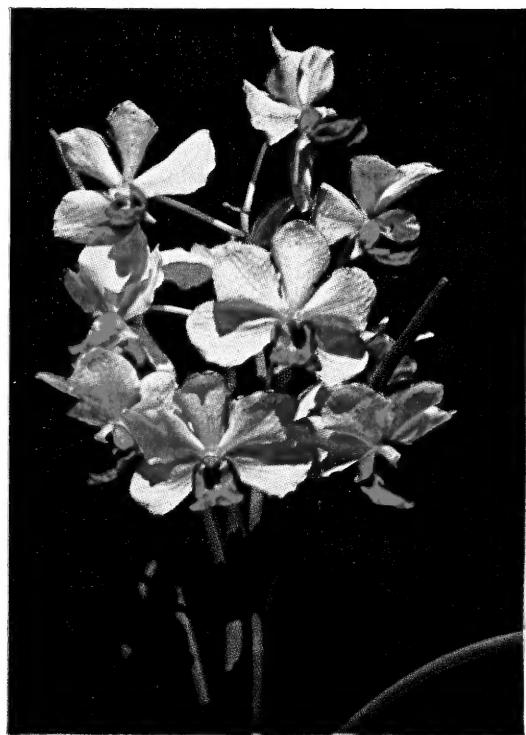
951 **Lc. EMBER (C. Ruby x Lc. Florida var. Nugget)** Fall. See 920 for description of Ruby. This Florida has extremely large golden areas deep in the throat. Some Ember seedlings have fabulous color.
5" — 15.00 5 1/2" — 17.50 6" — 20.00

986 **C. ANNIE (C. Warneri var. Ardenholm x C. Dupreana)** May, June. Many dark flowers with red velvet lips. Warneri is a proven stud plant.
5" — 15.00 5 1/2" — 17.50

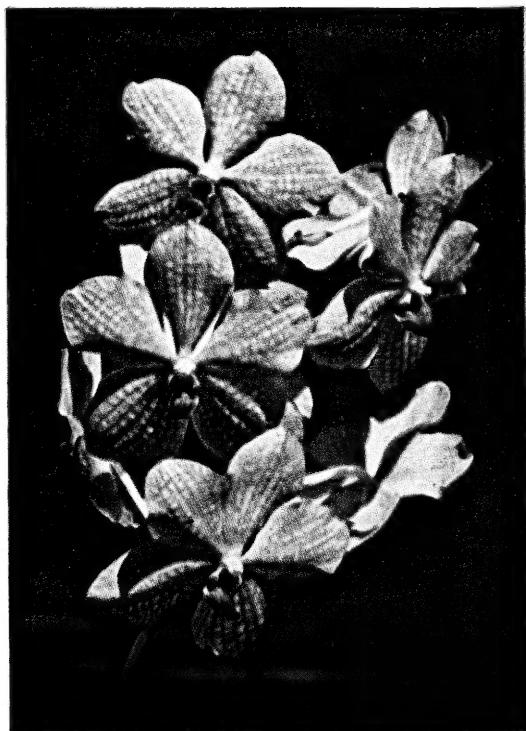
988 **Blc. BRUNO ALBERTS (Lc. Florida var. Compacta x Bc. Clara Alberts var. Rotunda)** Fall. This cross has large flowers, round shape, and exceptionally large, frilled lips of intense color. See photo above.
3 1/2" — 8.50 4" — 12.50

999 **Lc. ALICE SHEPHARD (Lc. Florida var. San Jose x C. Mossiae var. Mandarin)** Fall, winter, spring. Florida var. San Jose is a very rich colored flower with fine texture and form. Mossiae var. Mandarin is erect and the top sepal perfectly straight, which is unusual in Mossiae.
3 1/2" — 7.50 4" — 10.00 5" — 15.00

1000 **Lc. LOIS PARTIN (Lc. Jacquinetta var. Fort x Lc. Florida var. Alberts)** Fall and various. Jacquinetta var. Fort is a famous breeder of fine offspring. It gives freedom of flowering on each growth no matter when growth is made. Florida var. Alberts has excellent form, texture and glowing maroon-purple color. Seedlings are good growers.
3 1/2" — 7.50 4" — 10.00 4 1/2" — 12.50 5" — 15.00



VANDA PRINCESS ELIZABETH
SEMI-TERETE VANDA, page 28



VANDA ROTHSCHILDIANA
STRAPLEAF VANDA, see page 24

1001 **Lc. O'DELL MORGAN** (Lc. Sarasota x Lc. Jacquinetta var. Helena) Fall, winter. Should bloom on each new growth and have an abundance of flowers. May give some unusual colors because of the bronze overtones in Sarasota.
 3 1/2"—7.50 4"—10.00 4 1/2"—12.00 5"—15.00

1038 **C. HEATHERWOOD X Lc. MIAMI VAR. GLORY**—Fall. Heatherwood flowers in late August, Miami in fall. This Heatherwood has extremely heavy texture. Miami var. Glory is a proven superb breeder. See photo page 4.
 2 1/2"—4.00

1044 **Lc. LEROY S. COLLINS** (Lc. Wilborough FCC-AOS x C. Titrianae var. Mandarin FCC-AOS) Dec.-Feb. Another Christmas-flowering hybrid that is hard to beat for color, quality, and timing. Named for Florida's Governor. See photo page 17.
 3"—6.00 3 1/2"—8.50

2012 **Lc. ELIZABETH OFF x C. TITRIANAE VAR. NOEL.** Christmas and winter. Both parents have fine dark color with yellow eyes in the throat and frilly, crimson lips.
 2 1/2"—3.00

2023 **C. TITRIANAE VAR. MANDARIN FCC-AOS x C. TRIANAE VAR. GRAND MONARCH FCC-RHS.** This will make a wonderful fall and winter hybrid to come in around Christmas and New Years. See photo page 17.
 2 1/2"—3.00

2049 **Lc. ERNEST B. DANE VAR. FLAME x Lc. HYPERION VAR. MANDARIN.** Winter to spring. This variety of Ernest B. Dane has unusual richness of color in all parts of the flower and is an eye-catcher for texture. Hyperion always brings the perfect form that the judges like to award. Should be great for flower shows.
 1 3/4"—2.00

2087 **Lc. CASSIOPEIA x Lc. MIAMI VAR. SWEEPSTAKES.** Fall. Two glorious parents. Should bloom Thanksgiving to Christmas and have exhibition flowers.
 1 3/4"—2.50

2088 **Lc. MIAMI (Lc. Miami var. Glory x Lc. Miami var. Magnifica)** Fall to winter. If you missed out on the young seedlings of #764 here is your chance to recover. We have remade this cross by popular demand. See photo page 4.
 1 3/4"—2.00

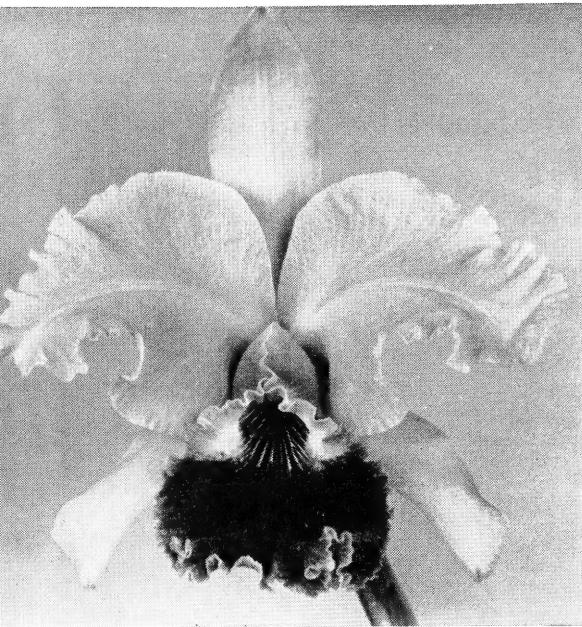
2094 **Lc. WILBOROUGH VAR. EISENHOWER x Lc. MIAMI VAR. MAGNIFICA.** Winter. An exhibition hybrid for Christmas and winter shows. Both parents are loaded with color and form.
 3" Community pot—15.00 1 3/4"—2.50

2095 **Lc. MIAMI VAR. MARTHA x Blc. CALIGULA VAR. EXCELSA.** Fall to winter. A fancy dark Brassolaeliocattleya cross. A dark Miami with double growth habit will give you extra flowers for a Brasso hybrid.
 3" Community pot—12.50 1 3/4"—2.00

2100 **Lc. FLORIDA VAR. JACKSON x Lc. HELEN WILMER VAR. MANDARIN.** Fall to winter. Here again the double growth habit of Florida should give an extra dividend of exhibition flowers for the holidays or winter shows. See photo page 5.
 1 3/4"—2.50

SPECIAL OFFER

One flowering size lavender Cattleya (large corsage flowers) plant with buds \$8.95 postpaid U.S.A. Not available 3 weeks before Christmas, Easter or Mother's Day.



Blc. DUVAL Var. SUPREME

Parent of #2101



C. REMY CHOLET Var. STILL POND FCC-AOS

Parent of #2116

2101 Blc. DUVAL VAR. SUPREME x Lc. MIAMI VAR. MAGNIFICA. Fall to winter. Light controllable for Christmas. Reddish-purple flowers. Vigorous growth. Duval is a first cousin of Miami and Florida. Without the number on the label you can't tell them apart. See photo above.
3" Community pot—12.50 1 3/4"—2.00

2102 C. TRIANAE VAR. BILL TAFT x Lc. MIAMI VAR. GLORY. Fall to winter. Bill Taft is a famous Trianae selected when he was President. The flower is larger and has finer color and a much larger lip than an ordinary Trianae. It always flowers for Christmas. Armchair strategists ask, "Why don't you use it?" It seldom produces seed. This time it did. The Miami will give rich color. See photo page 4.
3" Community pot—10.00 1 3/4"—1.50

2107 Lc. MIAMI VAR. CHARLOTTE CORDAY x Lc. HELEN WILMER. Fall to winter. Charlotte Corday is a flower to stop your march thru the orchid house. Rich color, texture, form. Helen Wilmer gives a compact short trumpet with a lip you stop to admire.
1 3/4"—2.50

2108 Lc. MIAMI VAR. AMBASSADOR x Bc. IMPERIALIS VAR. MAJESTIC. Late fall—winter—spring. Should make an outstanding flower show Brasso hybrid.
3" Community pot—10.00 1 3/4"—1.50

2110 Bc. IMPERIALIS VAR. SUPERBA x Lc. FRANK J. LIND VAR. MAJESTIC. Winter, spring. A real show flower for February and March. Frank Lind has form, texture, color. With Imperialis it should give a larger flower and should flower when flowers are scarce.
1 3/4"—1.50

2113 Lc. FRANK J. LIND VAR. JULIUS CAESAR x Bc. IMPERIALIS VAR. MAJESTIC. Winter and spring. Similar to 2110.
1 3/4"—2.00

2116 C. REMY CHOLET VAR. STILL POND FCC-AOS x Lc. MIAMI VAR. MAGNIFICA. Late fall, mid-winter. Considered the finest Remy Cholet ever flowered. See photo page 10.
1 3/4"—2.50

2117 **C. LAOMEDON VAR. LOUIS x Lc. FRANK J. LIND VAR. JULIUS CAESAR.** Midwinter. Both have fine shape and are long-lasting Christmas flowers.
 1 3/4" — 1.50

2119 **C. GENERAL PULTENEY x Lc. MIAMI VAR. SILVER BOWL FCC-AOS.** Late fall, winter. The same General Pulteney that helped make the lovely Lc. Cassiopeia in #2087. This Miami will add deep color and texture.
 1 3/4" — 1.50

2124 **C. PORTIA VAR. ALPHA x Lc. PETER DANE VAR. MARY REBECCA.** Fall. This Portia is very dark and is a bifoliate, many-flowered bouquet type. The Peter Dane is an unusual dark, rich hybrid with heavy texture. Light controllable.
 1 3/4" — 2.50

2135 **Blc. DUVAL VAR. IVY FCC-AOS x Lc. HELEN WILMER VAR. MANDARIN.** Fall, winter. Should give exhibition flowers for the midwinter orchid shows. Both parents have unusual velvety red-purple lips. See photo page 5.
 3" Community pot — 15.00 1 3/4" — 2.50

2142 **Bc. PRINCESS PATRICIA x Lc. HYPERION VAR. MANDARIN.** Midwinter. Princess Patricia has beautiful shape and will add the Brasso size to Hyperion's other fine qualities.
 1 3/4" — 2.00

2143 **Lc. MIAMI VAR. ROMANCE x Lc. HYPERION VAR. MANDARIN.** Fall to winter. Miami var. Romance is a richly colored parent. Hyperion has a perfectly formed flower. We know this cross will produce some exhibition flowers.
 3" Community pot — 15.00 1 3/4" — 2.50

2145 **Bc. FRANCIS BURT x Lc. MIAMI VAR. GARNET.** Late fall and winter. Bc. Francis Burt is a dark form of Bc. Cliftonii type which will help to make a dark Brasso hybrid with the extra color of Miami var. Garnet.
 3" Community pot — 12.50 1 3/4" — 2.00

2150 **Lc. HYPERION VAR. MANDARIN x Lc. MIAMI VAR. GARNET.** Midwinter. A dark garnet-colored Miami with a fine Hyperion. Two of the best.
 1 3/4" — 2.00

2178 **C. HYBRIDA (C. Loddigesii x C. Guttata) SELFED.** A remake of the first man-made bifoliate hybrid. Charming cluster type, heavy texture. Blooms twice a year.
 1 3/4" — 2.00

COLOR SLIDES

We have collections of 35 mm. Kodachrome transparency slides on orchids and tropical foliage plants which we shall be glad to loan to orchid societies or garden clubs for programs if you will pay return postage charges. Allow two or three months for scheduling.

AMERICAN ORCHID SOCIETY

We suggest that anyone interested in growing orchids become a member of the American Orchid Society in order to receive the monthly bulletin. Membership is \$7.00 per year, which includes subscription to the Bulletin. Make checks payable to the American Orchid Society, Inc., and send to Gordon Dillon, Executive Secretary, Harvard Botanical Museum, Cambridge 38, Massachusetts.

CATTLEYA HYBRID SEEDLINGS WHITE-COLORED-LIP

777 **C. JUNE DELIGHT (C. Hardyanæ alba x C. Loranæ alba)**—June. A fine dependable June flower. Desirable and useful—Both parents have good constitution and are free-flowering. See photo page 13.
 3½"—7.50 4"—10.00 4½"—12.50

782 **C. MONA WILLIAMS (C. Hope Dillon alba x C. Priscilla alba var. Snowwhite)**—Spring and early summer. The Hope Dillon is free-flowering—clear white with rich, dark lip, yellow areas. The Priscilla we consider the best variety of that hybrid having exceptional form—white with dark lip.
 4"—10.00 5"—15.00

826 **Lc. CLARA SCHRIEVER (C. Raphaelaurea x Lc. Jane Dane)**—Fall and winter. This cross has yielded very superior white sepals and petals with a rich colored labellum and gold areas in the throat.
 4"—10.00-12.50 5"—15.00 5½"—17.50 6"—20.00-25.00

950 **Lc. NANCY BERQUIST ALBA (L. Purpurata var. Orchid Knoll X C. Enid Alba var. Mildred)**—Spring. This cross is a combination of 3 famous breeders: L. P. var. Orchid Knoll; Mossiae Rein. Young's var.; Gigas F.M.B. Some will be tinted lavender on sepals and petals. It has made a cross superior to even the best Canhams. These seedlings are robust growers and as all the parents are the most productive of all the species they are very free-flowering.
 3½"—7.50 4"—10.00 4½"—12.50 5"—15.00
 5½"—17.50 6"—20.00-25.00

981 **C. ENID ALBA (C. Mossiae Reineckiana Young's var. x C. Gigas F.M.B.)**—Winter. Same as # 833 on page 22. See photo page 73.
 4"—10.00 4½"—12.50 5"—15.00

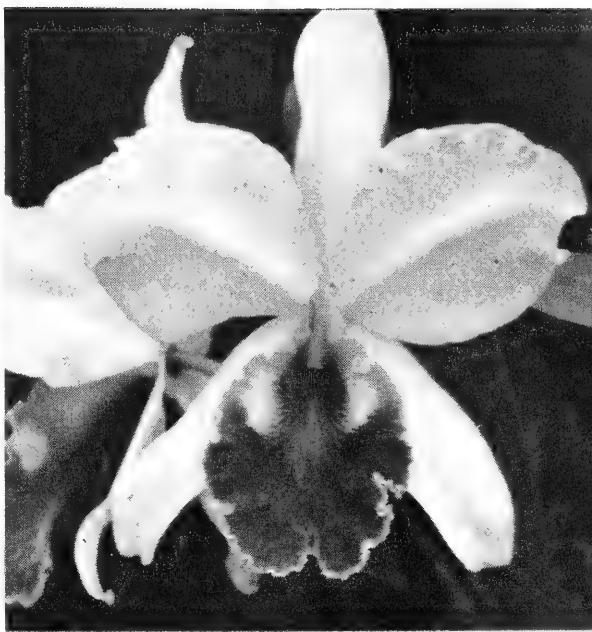
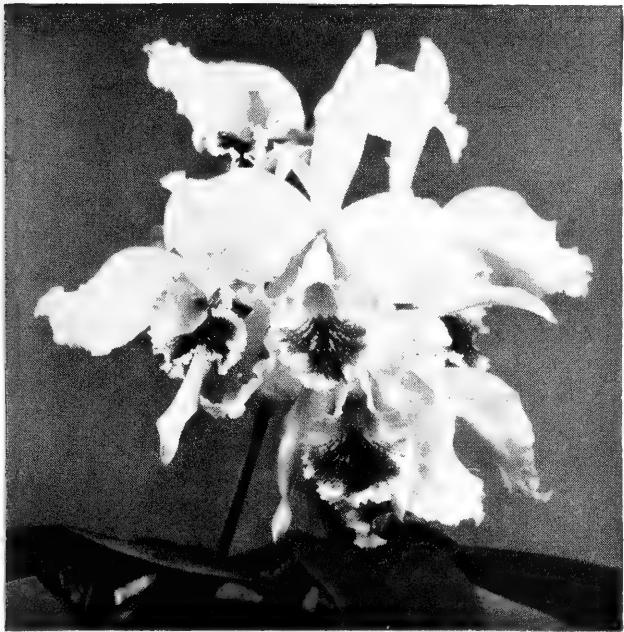
989 **C. OENONE ALBA (C. Labiata var. Charlesworthii AM x C. Mossiae Reineckiana Young's Var.)** Fall and Winter. A white colored lip cross. Good grower and free flowering.
 4"—10.00 4½"—12.50

991 **C. SYROS (C. Labiata var. Charlesworthii AM x C. Enid Alba var. Mildred)**—Fall, winter. This Labiata is a very fine white variety with a purple area on the lip. Desirable also for its unusually free-flowering and robust growing characteristics. Crossed with our fine Enid alba we are confident that we have attained a remarkable fine cross. This parentage should give a controllable hybrid. Normal flowering would be fall to winter. See photo page 13.
 4"—10.00 4½"—12.50

1030 **Lc. AENEID (C. Fabianid x Lc. Britannia alba)**—Various. Lc. Aeneid is a remake of an excellent white-colored-lip cross that has predominantly ruby lip and yellow eyes. Very free-growing and free-flowering. Can bloom at any season. #1022 is the same cross.
 3½"—7.50 4"—10.00 4½"—12.50

2022 **Lc. ACONCAGUA FCC X C. ENID ALBA VAR. MANDARIN AM-AOS**—Fall, winter, and various. One of the finest type white-colored lip crosses one could make. Both parents have broad snowwhite sepals and petals as well as dark labellums. The Enid Alba var. Mandarin is one of the few solid lip types of this famous cross.
 1¾"—2.00 2½"—4.00

2056 **Lc. SURPRISE (Lc. Canhamiana Alba var. Grandis x C. Enid Alba var. Mandarin AM—AOS.)**—Spring. A genuine herald of spring. Lc. Canhamiana alba var. Grandis is the best of this cross. It will be a white-colored-lip hybrid of merit. Should flower for Easter and Mother's Day.
 1¾"—2.00 2½"—3.00 3"—5.00



C. LABIATA

Var. Charlesworthii A.M.

Parent #783, 991, 989

C. LORANORE ALBA

Parent #777

2140 L. PURPURATA VAR. ORCHIDKNOLL X C. BEDFORD ALBA—Spring. The same L. Purpurata var. Orchidknoll that helped to make the original Lc. Canhamiana and later Lily Pons. The Bedford alba is a free-wheeling white-colored-lip that grows and grows with snowwhite sepals and petals and solid lavender lip. Should be a much needed flower for May and June commencements and weddings.

1 3/4"—2.00

2141 Lc. LILY PONS VAR. EASTER x Lc. CYNTHIA VAR. GRANDIS. Various. Both glistening snow white with bright lips ruffled with white.

1 3/4"—2.00

CATTLEYA HYBRID SEEDLINGS

WHITE FLOWERS

812 Blc. WAGNETTE (Blc. Nanette alba x C. Mossiae Wageneri). Various. Blc. Nanette is a most outstanding white Brasso. However, **Nanette does not invariably produce white offspring.** Some are lavender, some pastel, some white-colored-lip and some white. Quality and size are always fine, with flowers over a long period.

5"—15.00 5 1/2"—17.50 6"—20.00-25.00-30.00

814 Blc. NANETTE ALBA x C. ELLA MAY SUTTON—Various. Similar to 812. Generally fall to winter. White—Lavender—White-colored-lip.

5"—15.00 5 1/2"—17.50 6"—20.00-25.00-30.00

Selected Pastel or White-colored-lip 35.00-50.00

821 Blc. KATHLEEN KOCK (Blc. Nanette alba x Barbara Dane var. Perfection)—Fall. This Barbara Dane is the parent of the marvelous Joyce Hannington. Crossed with Blc. Nanette, the results may confidently be expected to be superior. White—Lavender—White-colored-lip.

4 1/2"—12.50 5"—15.00 5 1/2"—17.50 6"—20.00-25.00-30.00

823 Blc. DOROTHY JONES (Blc. Nanette alba x C. White Empress, FCC)—Winter and spring. The same Nanette but crossed to flower winter to early spring.
 5"—15.00 5½"—17.50 6"—20.00-25.00-30.00
 Selected Pastel or White-colored-lip 35.00-50.00

921 C. KATHLEEN (C. Snowsong #8 x C. Lady Joan var. Model). Fall to winter. Produces several flowers 4 to 5 inches wide in a cluster. Heavy texture, glistening white, with yellow eyes.
 5"—15.00 5½"—20.00

971 C. MARY MOTT (C. Edithiae var. Alberts x C. Oenone alba var. Easter Gem)—Spring. Medium-sized white. Multiple annual growths. Free-flowering.
 4"—10.00 4½"—12.50 5"—15.00

973 C. SNOW PRINCE (C. Edithiae var. Alberts x C. Cameo var. Easter)—Spring. This Edithiae (tetraploid) is one of the best white breeders. The progeny of this plant are invariably strong growers and break and flower freely. A fine Easter white is anticipated.
 4"—10.00 5"—15.00

978 C. ESTELLE ALBA (C. Cowaniae x C. Edithiae var. Alberts)—May to July. Similar to #973 but expected to flower later.
 4"—10.00 4½"—12.50 5"—15.00

1037 C. CAMEO X Blc. NANETTE ALBA—Winter-spring. Cattleya Cameo flowers at Easter and Nanette in fall. Some will come lavender and pastel shades while some should be white.
 3½"—7.50

2080 C. JOYCE HANNINGTON VAR. SEPTEMBER MORN (Selfed). Fall and winter. Nothing finer in white on the bench. This fine white has won many awards. Light controllable for Christmas or Easter, as you want it. Seedlings grow vigorously.
 1¾"—2.50

2115 C. BARBARA BILLINGSLEY X C. BOB BETTS VAR. SNOWKING. Winter to spring. Barbara Billingsley is very free flowering and large size but lacks texture. This mating with C. Bob Betts which is very heavy textured and fine form should make a happy result. Will flower for the mid-winter and early spring orchid shows.
 1¾"—2.00

2120 C. EDITHIAE VAR. SNOWQUEEN x C. SNOWSONG VAR. PETITE. Midwinter bifoliate type for a bouquet of flowers.
 1¾"—2.00

2160 C. SUZANNE HYE (C. Gaskelliana Alba x C. Mossiae var. Wageneri). The June white that everybody has been waiting for. A very fine Mossiae Wageneri and a superior Gaskelliana.
 1¾"—2.00

CATTLEYA HYBRID SEEDLINGS
Art Shades—Bronze, Yellow, Red, Unusuals

Art shade hybrids have great variance of color. There is no way to predict which seedlings will be the most spectacular in color. From each of these Lc. Cardinal crosses will come a wide range of shades from purple to apricot and bronze. We hope you get some good ones.

807 Lc. LUMINOSA (Laelia Tenebrosa var. Charlesworthii AM-RHS x C. Dowiana var. Aurea). Fall and various. This outstanding L. Tenebrosa, in our collection since 1918 and flowering every year, is probably the finest variety ever found. This Luminosa is a re-make of a famous cross.
 3½"—7.50 4"—10.00

919 Lc. AUTUMN SYMPHONY (Lc. Medon x Lc. Cardinal)—Various. Lc. Medon is a fine bronze. Lc. Cardinal is a dark henna color. Both are unusual. These seedlings have flowered dark purple, rich bronze, and apricot.
3 1/2"—8.50 4"—10.00 4 1/2"—15.00

1087 Lc. LUSANDA X Lc. CARDINAL—Various. A cross that will produce vivid art shades. Flowers of medium size. See photo 5.
2 1/2"—3.00 3"—5.00

1088 Lc. LUSANDA VAR. BRONZE KING X Lc. CARDINAL—Various. Similar to #1087 but with a different Lc. Lusanda.
2 1/2"—3.00

2008 Lc. LUSANDA VAR. STRAW X Lc. CARDINAL—Same as 1087 and 1088 only a different Lusanda.
1 3/4"—1.50 2 1/2"—3.00

2013 L. TENEBROSA VAR. CHARLESWORTHII AM-RHS X Lc. HENRIETTA J. DANE VAR. GOLD DUST—This should make a most outstanding hybrid with many yellows and some bronzes. These seedlings will not have spade lips as no C. Bicolor has been used in the previous parentage.
2 1/2"—4.00

2021 Lc. HENRIETTA J. DANE VAR. JOAN X Lc. LUMINOSA AUREA. Spring. Both are fine yellows that will not give spade lips. Both parents have ruby labellums.
2 1/2"—4.00

2033 Blc. LYRANDA X Lc. HAROLDIANA—Fall to winter. Two parents that have gorgeous yellow sepals and petals with dark labellums. Both parents have given high percentage of good yellows. Same as 2125.
1 3/4"—2.00

2051 CATTLEYA GUTTATA. (Selfed). Late summer. Flowers have a crimson purple lip, sepals and petals bronze and spotted with crimson.
1 3/4"—1.50 2 1/2"—3.00

2123 C. AURANTIACA—This very handsome brilliant clear orange red flowering species attracts everyone. Flowers 3 inches across when open. Flowers Feb. and March.
1 3/4"—1.50

2125 Blc. LYRANDA X Lc. HAROLDIANA VAR. YELLOW QUEEN. Fall to winter. A yellow cross that should be top notch. Lyranda will give texture and color pigment to the Lc. Haroldiana. The latter is a prize clear yellow sepals and petals with reddish purple lip. The Lyranda lip is old rose with gold veining. Same as 2033.
1 3/4"—2.00

2126 Slc. RAMONA x Lc. HAROLDIANA VAR. HAMILTON. Butter yellow crossed with red should give a wide range of red, yellow, and apricot.
1 3/4"—2.50

2148 Lc. MIAMI VAR. FESTIVAL X Slc. RAMONA. One of the finest Miamis crossed with a gorgeous red Slc. Should be spectacular.
1 3/4"—2.50

2175 Lc. HAROLDIANA x C. FORBESII. Forbesii is a bifoliate species with cream flowers. Haroldiana is a gorgeous yellow. Should give small yellow blooms of Snowsong type.
1 3/4"—2.00



#728 Lc. NELLIE COHEN

(Lc. Canhamiana Alberts' variety x C. Ballantineana) See page 19

Lc. CANHAMIANA, ALBERTS' VARIETY

The plant of Lc. Canhamiana Alberts' variety is unusually robust, bears large flowers every spring, medium dark lavender with a very large, intensely dark lip. Alberts' variety is a lavender Canhamiana and should not be confused with our white-colored-lip Canhamiana alba.

In 1920 we grew about 2,000 plants of Lc. Canhamiana from seed. We chose the 7 most outstanding plants for breeding. These were the first spring hybrids that resembled dark fall-flowering hybrids. Out of the 7 plants, one yielded such excellent results that it was tested again on 3 different crosses. This plant is Lc. Canhamiana Alberts' variety. The seedlings offered below are bred from this plant. The results are the finest of the modern spring-flowering hybrids.

Regardless of the other parent used, the Canham offspring flower late March, April and May. They are robust growers and free-flowering. The record for blooms, so far, is 28 blossoms on a Lc. Nellie Cohen in a 7" pot.

917 Lc. BRUNO ALBERTS (Lc. Florida var. Gold Star x Lc. Canhamiana Alberts' variety)

4"—12.50 5"—15.00 5 1/2"—17.50 6"—22.50

990 Lc. SWANEE RIVER (Lc. Miami var. Louis XV x Lc. Canhamiana Alberts' variety).

4"—12.50 5"—15.00

993 Lc. SWANEE RIVER (Lc. Miami var. Anton x Lc. Canhamiana Alberts' variety).

3 1/2"—7.50 4"—12.50 5"—15.00

1012 Lc. CANHAMIANA ALBERTS' VARIETY X C. TITRIANAE VAR. COMET.

3"—6.00 3 1/2"—7.50

1016 Lc. ALARCON (C. Dupreana var. Gloriana x Lc. Canhamiana Alberts' variety).

2 1/2"—4.00 3 1/2"—7.50 4"—12.50

1093 Lc. MOLOCH X Lc. CANHAMIANA ALBERTS' VARIETY

2 1/2"—4.00 3"—6.00

2015 Lc. CANHAMIANA ALBERTS' VARIETY X Lc. FRANK J. LIND VAR. BOYNTON
 $2\frac{1}{2}$ "—4.00

2018 Lc. CANHAMIANA ALBERTS' VARIETY X Lc. PRINCESS MARGARET JEWEL'S VARIETY—A better cross would be hard to make.
 $2\frac{1}{2}$ "—4.00

2052 Lc. CANHAMIANA ALBERTS' VARIETY X Lc. HENRIETTA JANE DANE VAR. DAMSEL—Spring. The Henrietta Jane Dane var. Damsel is a beautiful yellow with ruby lip. A yellow crossed to a lavender in this case will increase color intensity of the lavender flowering seedlings and will also give some color breaks of unusual shades in the others.
 $1\frac{3}{4}$ "—2.00

2053 Lc. CANHAMIANA ALBERTS' VARIETY X Blc. DUVAL VAR. MAGNIFICA. Spring. Blc. Duval var. Magnifica is lovely rich colored flower with heavy texture and fine form. It has the double growth habit of Miami and Florida. This should make a dark colored hybrid for Easter.
 $1\frac{3}{4}$ "—2.00

2086 Lc. HELEN WILMER VAR. MANDARIN X Lc. CANHAMIANA ALBERTS' VARIETY. Spring. The Helen Wilmer will give rich color to the Canhamiana.
 $1\frac{3}{4}$ "—2.00

2104 Lc. CANHAMIANA ALBERTS' VARIETY X Lc. MIAMI VAR. SILVER BOWL FCC-AOS.
 $1\frac{3}{4}$ "—2.00

2105 Lc. CANHAMIANA ALBERTS' VARIETY X C. MONMOSS VAR. MANDARIN.
 $1\frac{3}{4}$ "—2.00

2106 Lc. CANHAMIANA ALBERTS' VARIETY X Bc. IMPERIALIS VAR. SUPERBA.
 $1\frac{3}{4}$ "—2.00

2151 Lc. CANHAMIANA ALBERTS' VARIETY X Lc. MIAMI VAR. IDES OF MARCH.
 $1\frac{3}{4}$ "—2.00



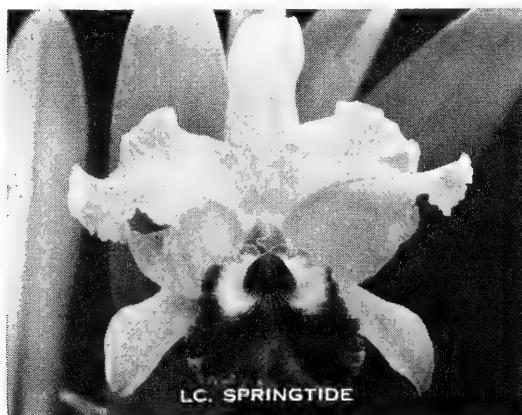
C. TITRIANAE VAR. MANDARIN FCC-AOS

Parent # 1044, 2023

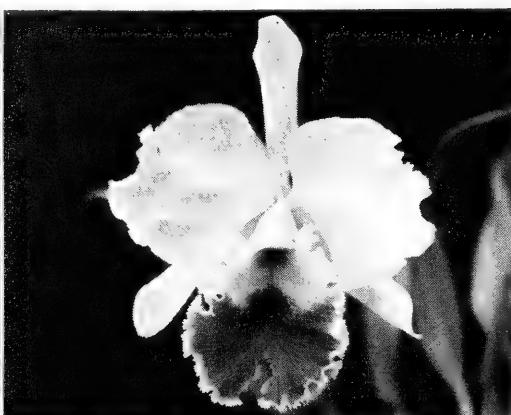
MATURE CATTLEYA HYBRIDS

All of the following plants are flowering size. The price is determined by the number of bulbs and the size of the plant, and the number of sheaths. Plants will be sent in sheath when ordered just prior to flowering time. We do not quote mature plants by pot sizes as we think this is misleading due to the different growth habits of the varieties. For instance, a plant with long rhizomes might have only 4 bulbs in a 5-inch pot where a plant with short rhizomes might have 6 bulbs in the same size pot. **MINIMUM PRICE IS FOR 4-5 BULB PLANT.** We have additional varieties not listed. Write us if there is something special you want. Many of these plants are of exhibition quality and have won awards in shows all over the country. If you wish selected plants for exhibition write us for prices.

WE DO NOT SELL BACK BULBS.



#709. See page 19



#200 Bc. CLIFTONII

Var. *Magnifica* FCC-RHS

LAVENDER

22 **C. MARCELIANA (C. Ballantineana x C. Trianae)**—October-December. Fine form, closed throat, dark purple lip, light lavender sepals and petals. A fine free-flowering Cattleya cross made by Mr. Alberts to lengthen the season of Ballantineana.
12.50—15.00—18.00—20.00

25 **C. BALLANTINEANA VAR. ALBERTS (C. Trianae var. Edgar Knight x C. Gigas)**—September-November. Deep purple throat, rosy-lavender sepals and petals. Free-flowering.
12.50—15.00—18.00—20.00

91 **Bc. IMPERIALIS (Bc. Cliftonii var. *Magnifica* FCC-RHS x C. Mossiae, fine var.)**—Very similar in appearance to Cliftonii. Spring.
4-5 bulbs—15.00 5-6 bulbs—20.00-25.00

95 **Lc. JACQUINETTA (C. Empress Frederick x Lc. Lustre)**—Fall. Lavender petals with some having splashes of darker color on the "wing tips."
10.00—12.50—15.00

99 **C. PERCIVALIANA VAR. ALBERTS**—Nov. Dec. Finest variety known.
4-5 bulbs—15.00 5-6 bulbs—25.00

150 **Lc. GERALDINE THOMPSON (Lc. Jacquinetta x C. Trianae)**—Fall.
12.50—15.00—18.00—22.50

200 **Bc. CLIFTONII VAR. MAGNIFICIA, FCC-RHS**—Spring. These plants are actual divisions of the Cliftonii which won the FCC from the RHS in England many years ago, and is still considered one of the finest spring Brassocattleya crosses. See picture page 18.
4-5 bulbs—25.00 6-8 bulbs—35.00

308 **Lc. MEM. ERNEST B. DANE (Lc. Cassandra FCC x Lc. Hilary, FCC)**—Very dark. Fall-winter.
3-4 bulbs—25.00-35.00

443 **Lc. RICHELIEU (Lc. Hilary FCC-RHS x Lc. Ishtar FCC-RHS)**—Very dark. Fall-winter.
3-4 bulbs—25.00-35.00

567 **Blc. ESTORY (Bc. Nestor x Lc. Hilary FCC-RHS)**—Large fall flowering Brasso from dark to medium lavender.
18.00 25.00 27.50-35.00

594 **Blc. DAWN GLOW (Blc. Dawn Angela x Lc. Hilary FCC-RHS)**—A very dark fall hybrid with excellent parents.
20.00-25.00 30.00-40.00 50.00

600 **Lc. RED VELVET.** July-August. Beautiful large flowers with reddish lip. Robust grower.
12.50—15.00—20.00—25.00

603 **Lc. HAMILTON MASON (C. Maggie Raphael x Lc. Ishtar FCC-RHS)**—Flowers of this cross have been show quality—dark fall hybrid.
20.00-25.00 30.00-40.00 50.00

604 **Blc. GRANDEUR (Blc. Henry Stock x Lc. Ishtar FCC-RHS)**—All the name implies—dark fall hybrid.
20.00-25.00 30.00-40.00 50.00

620 **Blc. LYMAN C. HALL (Lc. Ernest B. Dane x Bc. Princess Patricia)**—Both perfect parents. From dark to medium, fall hybrid. Some will flower thru winter.
15.00

707 **Lc. MOLOSS (Lc. Moloch x C. Mossiae)**—Spring. Lavender.
10.00—12.50—15.00

709 **Lc. SPRINGTIDE (Lc. Red Oak x C. Dupreana)**. One of the darkest spring and early summer hybrids. See picture page 18.
4-5 bulbs—20.00 6-8 bulbs—25.00-35.00

717 **Lc. MEM H. A. TRACY (Lc. Canhamiana Alberts' var. x C. Hardyana)**—April-May.
 1 lead plant, 3-4 bulbs—**15.00** With sheath—**20.00**
 2 lead plant, 3-4 bulbs—**25.00** With sheath—**35.00**

724 **Bc. IMPERIAL (Bc. Imperialis x C. Hardyana)**—Late fall to early spring. Large flowers, deep sepals and petals with crimson Brasso lip.
10.00—12.50—15.00—20.00—25.00—30.00

728 **Lc. NELLIE COHEN (Lc. Canhamiana Alberts' var. x C. Ballantineana Alberts' var.)**—April-May. See photo page 16.
 1 lead plant, 3-4 bulbs—**15.00** With sheath—**20.00**
 2 lead plant, 5-7 bulbs—**25.00** With sheath—**35.00**



#764 Lc. MIAMI

764 Lc. MIAMI (Lc. Miami var. Glory x Lc. Miami var. Magnifica). A glorious fall hybrid (September through December). Lc. Miami (Lc. Runah x Lc. Sargon). Two of the finest varieties of this famous cross were used in this mating. The uniform quality of the Miami hybrids has given excellent results. Flowers are large and heavy textured, dark color with butter yellow eyes in throat and broad, ruffled lips. Plants are vigorous and free flowering. Double growth habit spreads flowering season over many months. See photo.

Many of these have been exhibition quality.

20.00—25.00—35.00—40.00—Selected \$50.00 up

765 Lc. MOTT H. PARTIN (C. Enid var. Magnifica x Lc. Hyperion var. Mandarin)—December-March. Another fine mid-winter bloomer. C. Enid var. Magnifica has an unusual richness of color. It is a proven parent. Lc. Hyperion var. Mandarin (Lc. General Maude var. Victory x C. Leda) has excellent form and texture with uniform color and dark lip. The flowers are of excellent quality. See photo page 4.

12.50—15.00—17.50—20.00—22.50—25.00

Selected \$50.00 up

766 Blc. SANFORD (Lc. Cantara x Blc. Francis Lamb)—Winter-spring. Lc. Cantara (Lc. Sargon x Lc. Valencia) is an outstanding modern hybrid similar to Lc. Miami, blooming fall to winter. Blc. Francis Lamb is an exceptional Brasso of good form and color which flowers winter to spring. A seedling of this cross won an Award of Merit in 1955. See color plate page 4.

17.50—20.00—22.50—25.00—30.00—35.00

Selected \$50.00 up

C. GIGAS VAR. JUNE MORN—This plant, selected from an importation many years ago, has proven dependable for June. Lip is very large and ruffled. Sepals and petals broad and flat. Will produce 5 and 6 flowers per bulb.

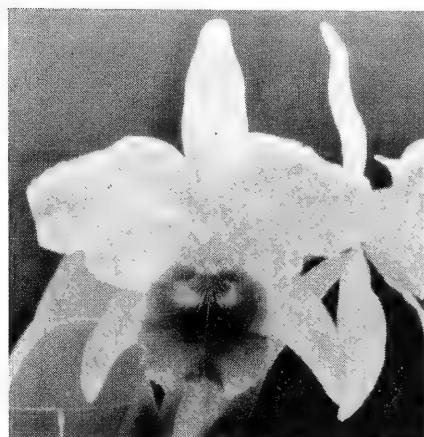
7.50—10.00—12.50—15.00

767 Lc. WILMOSA (C. Monmoss var. Mandarin x Lc. Helen Wilmer var. Superba) A March-flowering hybrid of remarkable parents. March is the most difficult month in which to produce fine hybrid flowers. C. Monmoss var. Mandarin (C. Monarch var. Collossus x C. Mossiae var. Alberts) was selected from several hundred plants for this mating. It has flowered during March for many years in succession. Flowers are well formed with exceedingly broad petals of dark lavender and heavy dark fluted lip. Seedlings flowered have been superb. See color photo page 5.

17.50—20.00—22.50—25.00—30.00—35.00
Selected \$50.00 up

768 Blc. FLEUR de LIS (Lc. Helen Wilmer var. Superba x Blc. Imperialis var. Crown). Jan-Mar. The large bright ruby lip is ruffled and many have deep yellow eyes. Sepals and petals broad and erect. Flowers are superb. See photo page 5.

15.00—17.50—20.00—25.00



#787 Lc. EVA NOBLE

776 Lc. ROBERTA OFF (C. Enid var. Mandarin x Lc. Helen Wilmer var. Mandarin.) Winter-spring. A fine, dark Enid crossed with our excellent Wilmer. Has form, color, floriferousness and strong growth. Especially recommended. See photo page 5.

15.00—17.50

778 Lc. MOSSADIN (Lc. Mossiae x Lc. Katadin)—Spring.

10.00—12.50—15.00

787 Lc. EVA NOBLE (C. Ballantineana var. Alberts x Lc. Florida)—Fall. Lc. Florida is one of the finest fall hybrids ever flowered. Flowers are large with very dark sepals and petals with a velvet ruby lip. It should have the characteristic of making two growths a year which will flower separately and thereby spread the season from August thru December. Texture of the flowers is superb. This combined with C. Ballantineana var. Alberts has made a superior fall hybrid. See photo.

15.00—17.50—20.00—22.50—25.00—30.00

790 Lc. ANN ALBERTS (C. Ballantineana var. Alberts x Lc. Miami var. Glory) Fall. Lc. Miami var. Glory is another glorious hybrid of the richest hue and equals the Lc. Florida. This cross has the same excellent qualities of No. 787. These two crosses will replace the average fall hybrids that are so plentiful at this time of year with a superior quality that will always have demand. First flowering seedlings have been superb. See photo page 4.

15.00—20.00

801 Lc. ROCHELLE (C. Mossiae var. Rochelle x Lc. Kismet)—This is an ideal spring flowering cross. Improved over straight C. Mossiae. Lc. Kismet has the background of General Maude which has made so many fine hybrids.

7.50—10.00—12.50—15.00

817 Blc. DAWN ANGELA x C. TRIANAE, A. C. BURRAGE. Fall and winter. Unusually fine shape, large flowers, varying tones of light to dark lavender.

15.00—17.50—20.00—25.00—30.00

824 Lc. MEM. ERNEST B. DANE x C. TITRIANAE. Winter. The Dane parent is a cross of Lc. Cassandra FCC with Lc. Erica var. Model FCC.

10.00—15.00—17.50—20.00

827 Lc. ROZILLA (C. Mossiae var. Lyncroft x Lc. Edna Richter). Spring. A glorious free-flowering spring hybrid. Wonderful color. Vigorous growth.

15.00—17.50—20.00—25.00

829 Same as 827.

MATURE CATTLEYA HYBRIDS

White-Colored-Lip

100 **Lc. CANHAMIANA ALBA (ALBERTS STRAIN) (L. Purpurata var. Orchidknoll x C. Mossiae Reineckiana Young's var.)**—May-June. Limited number. Conceded to be one of the finest strains of this famous white-colored-lip cross.
20.00—25.00

212 **Lc. BRITANNIA ALBA (Lc. Canhamiana Alba x C. Gigas F.M.B.)**—Fall to spring. An outstanding white-colored-lip strain of Mr. Alberts'. Sepals and petals satin white. Lip very dark often with white ruffle.
12.50—15.00—20.00—30.00—35.00

610 **C. GIGAS ALBA F.M.B.** The only white-colored-lip gigas in the world that breeds white-colored-lip.
4-5 bulbs—50.00

783 **Lc. ANITA YOUNG (C. Labiata var. Charlesworthii AM x Lc. Cynthia var. Grandis).** Sept.-Nov. Flowers when WCLs are generally scarce. Light-controllable for Christmas. The Labiata Charlesworthii has clear white sepals and petals with a red lip and is free-flowering. Cynthia Grandis is a superior, heavy-textured WCL. See photo page 13.
15.00—17.50—20.00—25.00

833 **C. ENID ALBA. (C. Mossiae Reineckiana Young's var. x C. Gigas F.M.B.)**, A famous cross made with proven superb parents. The first-flowering offspring have already taken many prizes at orchid shows. See photo page 77.
10.00—15.00—20.00—25.00

MATURE CATTLEYA HYBRIDS

All White Flowers

462 **C. EDITH DORP ALBA (C. Ethel Bishop x C. Helen P. Dane)**—November-December. Very free-flowering late fall white. Robust grower.
12.50—15.00—17.50—20.00—22.50—25.00

483 **C. EMILE GESCHICK ALBA (C. Helen P. Dane x C. Bebe White)**—November-December. A good pure white at the holiday season.
10.00—12.50—15.00—17.50—20.00—22.50

489 **C. EUCHARIS ALBA (C. Cowaniae x C. Mossiae Wageneri)**—Spring white.
12.50—15.00—20.00

727 **C. CAMEO ALBA (C. Cybele alba x Mossiae Wageneri)**—Easter. A fine white of vigorous character.
15.00—20.00—25.00—30.00—35.00

735 **C. BRUNO ALBERTS ALBA (C. Souvenir of Louis Sander x C. Joan Manda)**—Free flowering, white with gold throat. Large flowers. Vigorous grower. Nov.-Jan.
20.00—25.00—30.00—35.00 Selected 40.00 up
3-4 bulbs (front divisions) 12.50-15.00

758 **C. NIMBUS ALBA (C. Cybele x C. Cowaniae)** a spring flowering pure white with yellow throat. Good size flowers and texture.
12.50—15.00—17.50—20.00—25.00

800 **C. OENONE ALBA (C. Mossiae Wageneri x C. Labiata alba var. Rogersi)**—Spring and summer. The C. Mossiae var. Wageneri was picked from several hundred seedlings raised from crossing two fine types. The Labiata alba is probably the finest one in existence. It gives this cross unusual keeping qualities. Flowers have kept for 6 weeks without spotting or deteriorating. Seedlings have the same keeping qualities as the parent. Flowers are medium size with 2 or 3 per stem. They are extremely prolific bloomers.
7.50—10.00—12.50—15.00—20.00



CYPRIPEDIUMS (Lady Slipper Orchids)

The mottled leaf Cypripediums are generally considered warm growing types. However, we have now proven that many of the so-called cool types (plain green leaves) if hybrids with at least one parent of the warm type will grow well in a warm climate. All of the Cypripediums listed here-with have been grown for at least 10 years in climates like Florida. Cypripediums are happy companions with Cattleyas or Phalaenopsis. They like to be grown moist. Cultural instructions will be sent with each order.

Cypripediums quoted are all flowering size in 4 to 6 inch pots. Please give at least one alternate choice with each selection.

See Bargain Collection offer page 41.



C. MAUDIAE VAR. MAGNIFICUM FCC-RHS

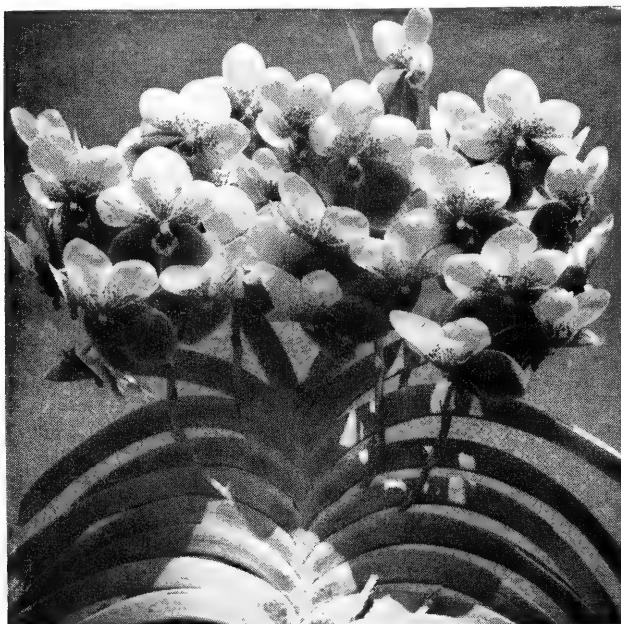
C. ATHOL HOUSE. Pouch brownish yellow—petals greenish brown and spotted.....	17.50—20.00
C. AUREM VIRGINALIS. Yellow and brown, white dorsal.....	7.50—15.00
C. AUROBE. Brown and yellow. Dorsal white with red streak.....	7.50—15.00
C. CALLOSUM-SANDERAE. Green and white.....	12.50—15.00
C. ETTYI VAR. QUEEN OF ITALY —A medium sized white flower, single division.....	20.00
C. FRAU IDA BRANDT (<i>Io Grande x Youngianum</i>) free-flowering—often two flowers per stem, easy grower—mottled leaf—purple and white flowers.....	15.00—20.00
C. GOULTENIANUM ALBUM (<i>Callosum sanderae x Curtisii Sanderae</i>) same color and size as C. Maudiae Mag. except petals are pointed downward.....	15.00
C. GOWERIANUM VAR. SUPERBENS (<i>Curtisii x Lawrenceanum</i>).....	10.00
C. HARRISIANUM SUPERBUM VAR. G.S. BALL FCC. Dorsal sepal is mahogany red with white margin. Sepals and petals mahogany red, very beautiful flower. Single division.....	30.00
C. LAWRENCEANUM (Species) —Mottled leaf-dorsal green at base with background veined in purple—pouch purple, brown and green.....	10.00 to 12.50
C. LAWRENCEANUM VAR. HYEANUM —one of the famous rare parents of Cyp. Maudiae. The Albinos form. Same coloring as Maudiae, single division.....	75.00
C. MAUDIAE VAR. MAGNIFICUM FCC-RHS (<i>Callosum var. Sanderae x Lawrenceanum var. Hyeanum</i>) One of the finest of the mottled leaf warm house Cyps. Dorsal beautiful white background with nile green veins, pouch and petals green. Often flowers twice a year. Should be in every collection. See photo.....	10.00—12.50—15.00—18.00
C. MADAME BARLEY. Red-brown pouch. White and green striped dorsal.....	7.50
C. OAKES AMES (<i>Ciliolare x Rothschildianum</i>) an old favorite flower purple veins and white background.....	12.50
C. ORION —very unique flower with spots in bar formation of chocolate maroon. Base color of flower white, single division.....	15.00
C. P. B. HAYWORTH —highly mottled leaf.....	7.50—10.00
C. VIRIDISSIMUM. Yellow-green. White margin on dorsal.....	7.50—10.00—15.00

SELENIPEDIUMS (Paphiopedilums)

Selenipediums are similar to Cypripediums but each long stem has several buds which open in succession. The color combinations are wonderful: greenish-white, bronzy green, rose, brown-purple. They flower in spring and summer. Grow in deep shade and keep moist at all times. Pot with brown osmunda and charcoal. Will tolerate much warmer temperatures than Cypripediums. We offer fine hybrids from which identifications have been lost at reasonable prices.

5"—6.00 6"—7.50-10.00 6½"—12.50

STRAPLEAF VANDAS



V. SANDERIANA VAR. TERRY—AM-AMOS, AM-HOS

This is the famous Vanda Sanderiana var. Terry which has won an Award of Merit from both the American Orchid Society and the Honolulu Orchid Society. Sanderiana is the parent of many fine Vanda hybrids.

Sanderiana var. Terry is the parent of the Vanda Princess Elizabeth see page 8 and of the V. Venus, V. Bill Sutton, and V. Burgeffii listed below.

CULTURE OF STRAPLEAF VANDAS. These Vandas can be grown with Cattleyas under the same or higher light conditions and temperatures. Culture instructions will be sent with order.

V. ROTHSCHILDIANA. The most famous BLUE Vanda in the world. Selected varieties offered at reasonable prices for the first time. Now everybody can afford a Vanda Rothschildiana. See color plate page 8.

Well grown plants will flower the year round. Flowers are a gorgeous blue, large 3" to 7" across, flat and round. Long lasting. Grow well with cattleyas.

3"—5.00 to flower in two years 4"—7.50

5"—10.00-12.50 to flower in one year

FLOWERING SIZE—17.50-20.00-25.00

In Spike as available—20.00-25.00 to 40.00

Exhibition Quality—flowering size—50.00 and up

V1575 V. ABBIE HO CHONG (V. Mary Foster x V. Rothschildiana)—Red to blue, yellow flowers. Flowering size 5"—10.00 6"—12.50-15.00

V. AFTERGLOW (V. Insignis x V. Sanderiana). Predominant apricot color. Sepals and petals have russet brown spots with yellow in lip.

6" unflowered—10.00-12.50

V88 V. AHINAHINA (V. Suavis x V. Frank Scudder)—Blue. 6"—5.00-7.50-10.00-12.50-15.00

V219 V. ANN VAUGHAN (V. Gilbert Triboulet x V. Ellen Noa)—Blue to buff 1 3/4"—1.50

V1733 V. ALEX KAMAHELE (Amoena x Rothschildiana)—A fine blue color. 4"—7.50 5"—10.00

V108 V. BOSCHI X V. DEAREI—Ivory background with amethyst spots. Flowers size of Dearei.
 V114 Flowering size—5.00-7.50-10.00-12.50-15.00

V660 V. BILL SUTTON (V. Manila var. Century x V. Sanderiana var. Terry AM-AOS)—This should make a fine Sutton. A much improved Manila.
 1 3/4"—2.00

V. BURGEFFII (V. Suavis x V. Sanderiana var. Terry AM-HOS)—Russet-pink spotted flowers. See photo page 27.
 Flowering size—12.50-15.00-20.00-25.00-30.00-35.00

V220 V. BURGEFFII (not made with V. Sanderiana var. Terry).
 1 3/4"—1.50

V1983 V. CAROL CARLISLE X V. SANDERIANA—Sunset shades of pink.
 4"—7.50 5"—10.00 6"—15.00-20.00

V76 V. CHIMEY WALKER (V. Flammerole x V. Sanderiana)—Solid blue with pink cast.
 V302 Flowering size—10.00-12.50-15.00

V632 V. CLARA SHIPMAN FISHER (V. Tatzeri x V. Sanderiana var. Terry AM-HOS-AOS)—Terry is a proven stud. The Tatzeri is superb. Should be tops.
 1 3/4"—2.50

V. CORINNE (V. Manila x V. Dearei)—Flowers are yellow, rust and brown. Sepals and petals flat like Manila. A fine new hybrid named for Robert Warne's daughter-in-law.
 Flowering size—15.00-22.50-25.00

V215 V. ELLEN NOA (V. Sanderiana x V. Dearei)—A really fine strapleaf hybrid. The flowers are large and round with colors of yellow, cream, buff and a few brownish tints. Considered one of the best of the primary hybrids.
 Flowering size—15.00-20.00-25.00-35.00-40.00

V34 V. GERTRUDE MIYAMOTO (V. Mem. G. Tanaka x V. Sanderiana)—Yellow to tan.
 Flowering size—10.00-12.50-15.00

V635 V. GIGANTEA (Certificate of Botanical Merit AOS) x V. Sanderiana—V. Gigantea has butter yellow flowers with reddish spots. Extreme texture. Should make an unusual combination. See photo page 27.
 1 3/4"—2.00—(No quantity discount)

V105 V1689, V1895 V. HELEN PAOA (V. Emily Notley x V. Sanderiana)—Tan—Yellow—Brown.
 1 3/4"—1.50 3"—5.00 5"—10.00
 Flowering size—5.00-7.50-10.00-12.50-15.00

V1605 V. HENRIETTA HO (V. Sanderiana x V. Sumatrana)—Excellent colors and shape. Large flowers of yellow—brown to buff—red.
 5"—15.00 6"—20.00

V303 V. HONOLII (V. Herziana x V. Sanderiana)—3" flowers. Grey—blue, pink.
 Flowering size—7.50-10.00-12.50-15.00

V35 V. JANET TAGAWA (V. Kalihhi Beauty x V. Luzonica)—Flowers 2-2 1/2".
 V117 White background with rose violet markings. Prolific.
 Flowering size—5.00-7.50-10.00-12.50-15.00

V106 V. KALIHI BEAUTY X V. BURGEFFII—Pink.
 Flowering size—10.00-12.50-15.00

V80 V. KALIHI BEAUTY X V. FRANK SCUDDER—Blue—Tan.
 V98 Flowering size—5.00-7.50-10.00-12.50-15.00

V119 V. KALIHI BEAUTY X V. SANDERIANA—Pink.
Flowering size—7.50-10.00-12.50-15.00

V1866 V. KILOHANA (V. Manila x V. Rothschildiana)—Blue, rose, mauve to dark pink. Good shape.
4"—7.50 5"—12.50-15.00

V72 V. KUPPERI (V. Sanderiana x V. Lamellata)—Yellow background with brown spots. Medium size flowers.
5.00-7.50-10.00-12.50-15.00

V54 V. LUZONICA—White with red spots.
5.00-7.50-10.00-12.50-15.00

V. MABELMAE KAMAHELE (V. Ohuoho x V. Sanderiana)—An award winning cross. Fine shape and color darker than Sanderiana. One of the best in new hybrids.
6"—12.50-15.00-17.50

V. MANILA (V. Luzonica x V. Sanderiana)—Lovely pink flowers with some darker maroon spots. Well grown plants, flower year round. Heavy production of flowers. See color plate page 73.
Flowering size—15.00-20.00-25.00-30.00
Selected strains—50.00-75.00

V1976 V. MANILA. See photo page 73.
3"—5.00 5"—12.50-15.00

V. MANILA X INSIGNIS. A new hybrid of promise. Pink crossed with a russet brown.
Flowering size—12.50-15.00-20.00

V1845 V. MANILA X TATZERI—Excellent pink flower with amethyst spots.
Flowering size—6"—15.00

V328 V. MANILA X V. TRICOLOR VAR. PLANILABRIS—Red brown spotting on pink base.
1 3/4"—1.50

V1589 V. MARY FOSTER X V. ELLEN NOA—Red to yellow bronze.
6"—15.00

V. MERLE KAWAMOTO (V. Charlana x V. Sanderiana)—A very easy free flowering pink Sanderiana colored lower sepals and petals.
Flowering size—20.00-22.50-25.00-30.00

V1952 V. OHUOHU (V. Sanderiana x Clara S. Fisher)—A famous cross, large flowers of buff to reddish brown over a pink background.
V1808 3"—5.00 5"—12.50-15.00

V57 V. PROFUSION (V. Suavis x V. Rothschildiana)—Large pastel blue flowers.
V74 Flowering size—5.00-7.50-10.00-12.50-15.00

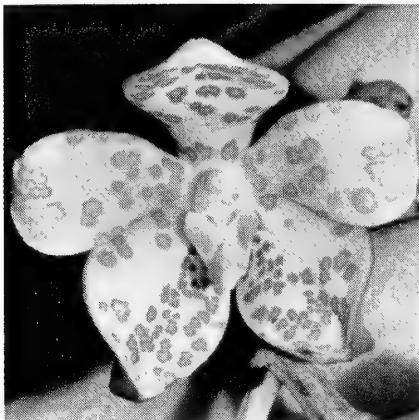
V. SANDAMO (V. Sanderiana x V. Amoena)—A fine blue.
Flowering size—6"—20.00-25.00

V. SANDERIANA—Raised from seed, third generation progeny and selection. Lavender to maroon.
5"—15.00 (To flower 1 year)
Flowering size—25.00-50.00

V2111 V. SANDERIANA X V. TRISHER—Deep pink to red, some brown.
3"—5.00

V. SUAVIS—White background, spotted amethyst, rose-purple lip. Fragrant.
Flowering size—10.00

V663 V. TITA MARKS (V. Mem. T. Iwasaki var. Purpurea x V. Rothschildiana var. Pinkie)—Iwasaki var. Purpurea is an unusual maroon color and a Pink Rothschildiana is rare. An unusual color combination.
1 3/4"—2.00



VANDOPSIS GIGANTEA

Parent V635



VANDA BURGEFFI



V. TRICOLOR—Yellow background with red-brown markings, magenta purple lip.
Flowering size—10.00

V595 V. TATZERI (V. Tricolor var. Planilabris x V. Sanderiana)—Fine reddish bronze with spots.
1 3/4"—1.50 2 1/4"—3.00

V. VENUS (V. Paki x V. Sanderiana var. Terry AM-HOS)—A new hybrid of greenish-yellow segments showing brown tessellations. The lip is longer than Sanderiana and bright crimson.

Flowering size—15.00—20.00—25.00—30.00

V678 V. VIRGINIA SHIPMAN BIEHL X V. TATZERI—Biehl is red bronze and fragrant. The Tatzeri was exceptional for shape and color.
1 3/4"—2.00

V1769 V. WAIKIKI (V. Boschi x V. Sanderiana)—An excellent flower of pink and red with yellow to cream-white background.
Flowering size—6"—20.00

V594 WALTER FUJIKAMI (V. Coerulea x V. Manila)—A grand dark blue hybrid.
1 3/4"—1.50

V115 V. WETTSTEINII (V. Burgeffii x V. Coerulea)—Blue to pink.
6"—7.50-10.00-12.50-15.00

V596 V. WETTSTEINII
1 3/4"—1.50 2 1/2"—3.00

STRAP-VANDAS IN FLOWER SPIKE—SPECIAL SELECTED PLANTS—These are available on special order. Please state color preference—blue—yellow—pink—reddish tones. They include Bill Sutton, Clara Fisher, Onomea, Jeannie Hashimoto, Carole Hirano, Manila, Lynn Sugihara, etc.

25.00—35.00—45.00—75.00—100.00

SEMI-TERETE VANDAS

Culture of Semi-Terete Vandas same as for Terete.

V. **DOROTHY WARNE** (*V. Suavis* x *V. Hookeriana*). Flowers of good texture. Creamy white with rose-carmine spots. Very free flowering. Easy to flower.

Flowering size—12-15" tall—5.00—7.50—10.00—12.50

V. **PRINCESS ELIZABETH** (*V. Sanderiana* var. *Terry AM-HOS* x *Hookeriana*). Recent flowering of this cross has proven it to be one of the finest semi-teretes yet to flower. The sepals and petals are dark lavender, the lip a dark maroon. See color photo page 8.

Flowering size—Special 7.50—10.00—12.50—15.00

#297 V. **MARK MITCHELL** (*Vanda Ruby* x *V. Miss Joaquim* var. *Judith*). The *Vanda Miss Joaquim* var. *Judith* was selected from first generation seedlings of *V. Miss Joaquim*. It has unusual dark coloring in sepals, petals and lip and large size. The *V. Ruby* (*V. Tricolor* x *V. Hookeriana*) has fine rich color. First flowerings have been fine.

4" on stake—4.50 Aerial Tips—3.00

TERETE VANDAS

CULTURE OF TERETE VANDAS. These plants require full sunlight to flower well. They are grown as hedges in Florida, the Gulf states, and the tropics. In the north, hang near glass or outdoors in summer sun. Culture instructions will be sent with order.

V. **AMY** (*V. Tricuspidata* x *V. Hookeriana*). Large lavender with trilobed lips. Very different from regular Joaquim type.

4" Pot, staked—3.00

V. **COOPERI** (*V. Hookeriana* x *V. Miss Joaquim*). Three-fourths of this cross flowered with a plain colored lip and one-fourth flowered with a spotted lip. Plants offered are all the spotted lip as they are more attractive and distinctive.

Flowering size 12-15", 4" Pot, staked—2.00

V. **MISS JOAQUIM** (*V. Teres* x *V. Hookeriana*). The flower made famous by Hawaii for leis and corsages. Flowers throughout the year. 6-10 flowers per spike which open in succession and last a long time.

Rooted tip cuttings, potted, cypress stake, 12-15" high—1.00-2.00

Special: Rooted cuttings 12-15" unpotted 12 for 8, 6 for 5

V. **MISS JOAQUIM VAR. ANDERSONII** (*V. Teres* var. *Andersonii* x *V. Hookeriana*). Darker color than *Miss Joaquim*.

Flowering size—12-15", 4" pot staked—3.50

V. **MISS JOAQUIM VAR. CINDERELLA** (*V. Teres* var. *Gigantea* x *V. Hookeriana*). Holds a larger number of open flowers on a spray at once.

Flowering size 12-15", 4" pot staked—3.00

V. **MISS JOAQUIM VAR. ROSE MARIE**. White sepals and petals, pink lip.

Flowering size 12-15", 4" pot, staked—1.00

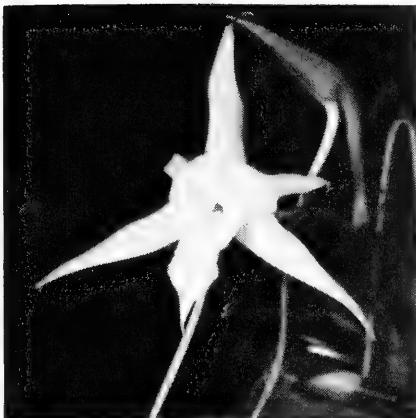
V. **TERES VAR. ANDERSONII**. A species similar to *V. Miss Joaquim* but larger flowers 3" to 4" wide. Flowers April-June. Pale rose-purple sepals and petals, bright rosy-magenta lip, heavily veined throat striped with orange and spotted with crimson.

Flowering size 12-15", 4" pot staked—3.00

AERIDOVANDA MUNDYI (*Aerides Vanadarium* x *V. Teres*). One of the first hybrids raised between *Aerides* and *Vanda*. Received an AM in 1920 in England. See photographs and history in English Orchid Review, March 1953, page 43. Free-flowering. Flowers nearly white with lavender tinge. Grow in full sun.

(Blooms with less light than other teretes, and is recommended for northern climates.)

Flowering size 12-15" staked 4" pots—3.50



ANGRAECUM VEITCHII



ANGRAECUM EBURNEUM



ANGRAECUM—ARACHNIS—RENANTHERA

#504 ANGRAECUM EBURNEUM—Spring. Lovely star flowers 3-4" across. Sepals and petals greenish-white. Lip broad white with green tinted spur nearly 3" long. See photo.
4"—7.50 6"—12.50-15.00

ANGRAECUM EICHLERIANUM—A climbing type. Flowers 2-3" vertical, sepals and petals greenish white. Lip white. Flowers from axil of leaves. Various.
3"—5.00

#420 ANGRAECUM VEITCHII (A. Sesquipedale x A. Eburneum). Spring. A real novelty. Flowers resemble Sesquipedale. Up to 6" across with a long spur, color creamy white. See photo.
4"—12.50 6"—17.50

ARACHNIS MAGGIE OEI (A. Hookeriana var. Luterola x A. Flos-Aeris). Yellow barred red spider orchid—give full sun—Approx. 3-4 ft. tall to flower. Exotic.
4" pot—18" tall—10.00

ARACHNIS MAINGAYI. A fine species spider or scorpion orchid—flowers, yellow with reddish bars and stripes—Give full sun.
4" pot—18" tall—5.00

A671 ARACHNIS MOSCHIFERA X VANDOPSIS LISSOCHILOIDES. A. Moschifera has vivid chocolate markings with dark green background. V. Lissochibedo has unusually thick flowers of yellow spotted red purple. A bigeneric cross much like semi-terete Vandas. Vigorous growers and will take full sun.
2 1/4"—2.50 2 1/2"—3.50

#2231 RENANTHERA BROOKIE CHANDLER (Storei x Monachica). A fine hybrid with fire-engine-red flowers and orange spots. Plant is compact and easily grown.
4"—5.00 6"—7.50-10.00

RENANTHERA COCCINEA. Various. Blood red flowers with some yellow on many branched scapes. Grow in strong light, full sun if possible. See photo page 40.
Flowering size—10.00-15.00

RENANTHERA MONACHICA. A gorgeous dwarf orchid with branching spray of buff flowers with bright red spots. Easily grown (but slow) and flowered.
2 1/4"—3.00

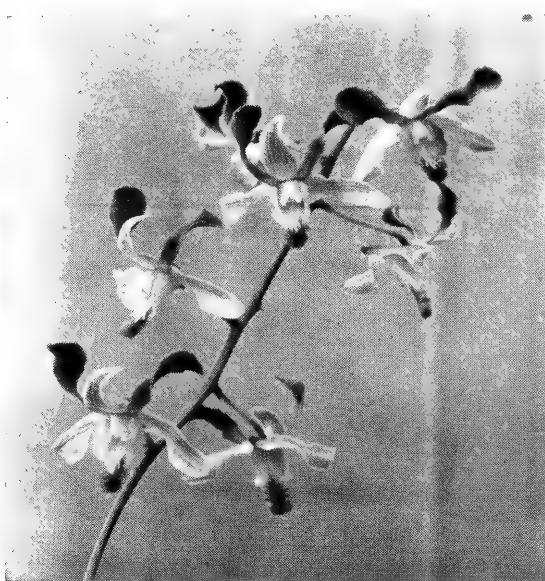
DENDROBIUMS Cane Orchids

Dendrobiums are both deciduous and evergreen. The climate of the Dendrobium regions in India, Burma, Malaya, Java, etc., is warm and humid during the summer and cool and dry in winter. This makes them quite adaptable to greenhouse growing in northern temperate zones and outdoors in Florida, the Gulf States, and southern California.

Cultural directions will be sent with each order.



DENDROBIUM NOBILE



EVERGREEN DENDROBIUM

EVERGREEN DENDROBIUM SEEDLINGS

1644 D. YELLOW GOLD (D. Taurus x 100th Battalion). Mostly yellow with a few bronzes.
3 1/2" — 6.50 4 1/2" — 7.50 5" — 10.00-15.00

1664 D. GLOW WORM (D. Taurus x D. Shibata). Yellows and deep bronze reds.
5" — 10.00-15.00

1665 D. WAIMEA (D. Shibata x D. 442 Infantry). Deep lavender to lavender bronze.
4" — 7.50-10.00

1670—D. 100th BATTALION X D. T. KODAMA. Deep lavender to bronze.
3" — 5.00 4" — 7.50 5" — 10.00-15.00

1676 D. BEACHCOMBER (D. T. Kodama x D. Gouldii). Yellow to yellow bronze.
2 1/2" — 3.50 3" — 5.00 4" — 8.00

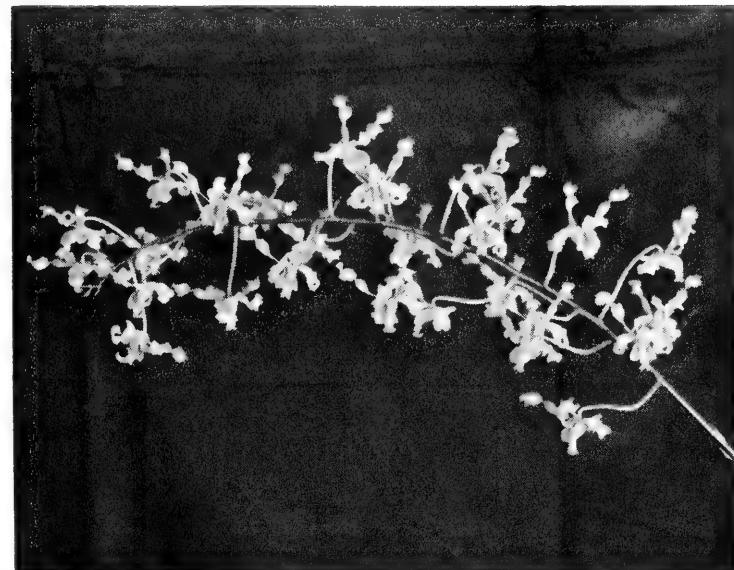
1787 D. CURLEYTOP (D. Undulatum x Janice Tanaka). Yellow to green combinations.
4" — 8.00 5" — 10.00-15.00

1794 D. McNEIL (D. Shibata x D. Janice Tanaka). Yellow to green combinations.
4" — 7.50-10.00

Culture of Evergreen Dendrobiums:

These Dendrobiums can stand full, tropical sun, and need strong light to grow freely. They are rapid growers and some get quite tall. Give an abundance of water and feed regularly when growing. Decrease water and food when growth has finished but do not dry off severely. Many spikes per plant, many flowers per spike and all colors of rainbow.

DENDROBİUM UNDULATUM type with curly antlers



1817 D. EARL M. SUYAMA (D. Strattokia x D. Janice Tanaka). Green and yellow. All flushed purple.
4"—8.00 5"—10.00-15.00

1822 D. T. KODAMA X D. JANICE TANAKA. Peach to pale yellow.
4"—7.50-10.00

1846 D. T. KODAMA X STRATIOTES. Yellow to green.
4 1/2"—7.50-10.00

2003 D. T. SHIOI X D. JANICE TANAKA. Very dark brown to yellow.
3"—5.00 4"—7.50-10.00

2006 D. T. SHIOI X D. T. KODAMA. Deep lavender bronze to yellow.
2038 3"—5.00

2058 D. SANDY (D. Sander's Crimson x D. Taurus). Lovely dark lavender and bronze colors.
3"—5.00 4"—7.50-10.00

2061 D. T. KODAMA X D. OWEN. Bronze-red to yellow and dark lavender.
2 1/2"—3.50 3"—5.00 3 1/2"—7.00

2064 D. HELEN BROMLEY X D. TAURINUM. Very dark lavender with Taurinum form.
3"—5.00 4"—7.50-10.00

2077 D. BLUE BOY X D. TAURINUM. Very dark lavender purple.
3"—5.00

2418 D. OWEN X D. MAY NEAL—Many colors—yellow, bronze, lavender shades.
4"—7.50

2463 D. OWEN X D. GOULDII. Very large flowers on the Owen that was used. Lavender, yellow center.
2"—2.00 3"—4.00

2509 D. SALAK (D. Undulatum var. Broomfieldii x D. Stratiotes). Distinctive type, with chartreuse antlers.
2"—2.00 3"—5.00

2510 D. ETHEL KAWAMOTO AM-HOS x D. STRATIOTES. Golden yellow to brwn.
2 1/2"—3.00

2511 D. ETHEL KAWAMOTO AM-HOS X D. UNDULATUM VAR. BROOMFIELDII. Fine chartreuse.
3"---5.00 3 1/2"---6.50

2537 D. ETHEL KAWAMOTO (D. SHIBATA AM-HOS X D. UNDULATUM VAR. BROOMFIELDII. An excellent yellow.
3 1/2"---6.50

2540 D. HULA GIRL (D. Hawaii x D. Undulatum var. Broomfieldii). Many colors.
2"---2.00

2560 D. OWEN X D. ETHEL KAWAMOTO AM-HOS. Red to apricot-lavender.
3"---4.00

DENDROBIUM NOBILE TYPES

LAVENDER FLOWERS

D. NOBILE—This is a beautiful spring-flowering orchid from Burma. Is has been a favorite in orchid collections since the early 1880's. The flowers are lavender with deep purple eyes. Flowers 2-3" across. Flowers January thru April. Keep plants cool and dry during late fall and early winter, then begin watering again in January to start buds. Delay watering on different plants for a succession of flowers. See photo page 30.

Offsets (potted)—3.00-4.00

Flowering size—5.00—7.50—10.00—15.00

NOBILE HYBRIDS

Offsets potted of selected fine Nobile type flowers. Some are named, others are not. Most will flower in one year. (Merlin-Ronele, Etc.)

5.00—7.50—10.00—15.00

YELLOW FLOWERS

D. BARBARA GITTENS (D. Moschatum x D. Clavatum)—Deep yellow sepals and petals with maroon-purple blotch base of lip. Fragrant. Early summer flowering.

Flowering size—8.50—12.50

D. CALCEOLUS X D. FIMBRIATUM OCULATUM—Spring. A beautiful orange-yellow dendrobium with a dark maroon-purple blotch at base of lip.

Flowering size—8.50—12.50

D644 D. CHRYSOTOXUM X D. CHRYSOTOXUM VAR. SUAVISSIMUM. Spring. Fragrant. Arching sprays of 7 to 15 golden yellow flowers. Suavissimum has a deep blood purple blotch in the lip. Flowers 2" across. Give decided rest in fall and winter before flowering time.
1 3/4"---2.50

D. DEIDRE (D. Thwaitsiae Veitchii x D. Aureum)—Yellow.
10.00—15.00

D. MOSCHATUM VAR. CUPREUM (Calceolaria.)—Flowers are bright apricot-yellow with the lip darker orange and two maroon spots near the base. A rare color in orchids. Racemes of 7 to 15 flowers which last 7-10 days. Canes 4 to 5 feet tall. April thru July.

Flowering size—5.00—7.50—10.00 Offsets (potted)—2.00

DENDROBIUM PHALAENOPSIS



DENDROBIUM PHALAENOPSIS

Culture instructions will be sent with orders.

DARK PURPLE

601 D. LADY CONSTANCE (D. Orchidwood x D. Phalaenopsis var. **Giganteum**). A repeat cross of an excellent hybrid. Very large dark flowers. Fall.
3"—7.50 3 1/2"—10.00

639 D. LADY HAMILTON (D. Phal. Dixon's Dark x D. Diamond Head Beauty). Repeat cross of # 282-284. A fine dark hybrid which we originated several years ago. Many have flowered with dark crimson purple thruout the flower. Shipped in bud August 15th thru Sept. 1st.
3"—7.50-10.00

476 DEN. PHALAENOPSIS SCHRODERIANUM VAR. DIXON. Very dark Dixon type royal purple, 8th generation selfed.
2 1/2"—3.50

DELICATA TYPE

285-286 D. PHALAENOPSIS VAR. JO-ANNE X D. PHALAENOPSIS VAR. ROSELAWN. Fall-blooming spray orchids. Longest lasting of all Dendrobium flowers (2-3 months). These two parents have the largest flowers of any D. Phalaenopsis. Colors are lavender and beautifully two-toned.

Flowering size 3"—5.00—7.50—10.00

399 D. PHALAENOPSIS ALBA BEDFORD'S VAR. X D. BIGIBBUM ALBA. D. Bigibbum alba is an albino from a selfed lavender parent. D. Phal. alba Bedford's var. FCC is a proven white breeder. Will flower near white and light lavender.
2 1/2"—3.00 3"—4.00

WHITE

D362 D. SCHRODERIANUM ALBA X D. MAUNA KEA. A fine white cross.
2 1/2"—5.00 3"—7.50-10.00

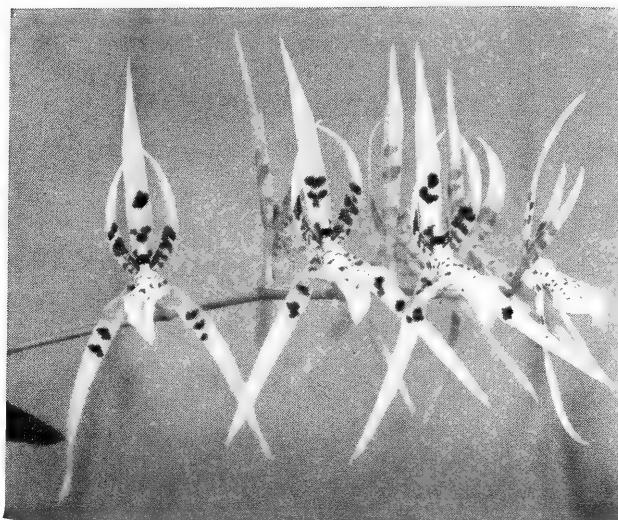
D733 D. TOKAI (Yellow) X D. PHAL. ALBA BEDFORD'S VAR. FCC (Selfed). Tokai evergreen type cross with D. Phalaenopsis type.
1 3/4"—2.00

SPRAY ORCHIDS

See also Tom Thumb and Rare Botanical Orchids on following pages:



BRASSAVOLA LINEATA



BRASSIA MACULATA

ANGRAECUM, ARACHNIS—See page 29.

ASPASIA EPIDENDROIDES—Flowers creamy white. Lip faintly marked with lilac. Spring flowering.
6.50

BRASSIA CAUDATA. Up to 12 flowers per spike, light green spotted with dark brown. Flowers late summer to fall.

Blooming size—5.00 In Spike—7.50

BRASSIA GIREOUDIANA. A striking plant in flower. Spikes 15" to 24" long with very long lower sepals (7"). Color is chartreuse with brown at basal portion of sepals and petals. Spring.
7.50—10.00

BRASSIA LONGISSIMA. The sepals are the longest of the genus, often 7 inches long. The lip is bright yellow with purple spots at base. Sepals and petals orange with purple-brown spots on the basal portions.

Flowering size—7.50-10.00

BRASSIA MACULATA. Six to 12 flowers, greenish yellow, spotted brown, sepals 3 inches long, petals shorter. A spider orchid. Blooms early summer. See photo above.

Flowering size—5.00-6.50 In spike—7.50-10.00

BRASSAVOLA CORDATA. More flowers in clusters than Nodosa, but individual flowers are smaller and chartreuse in color. Flowers late summer and fall.

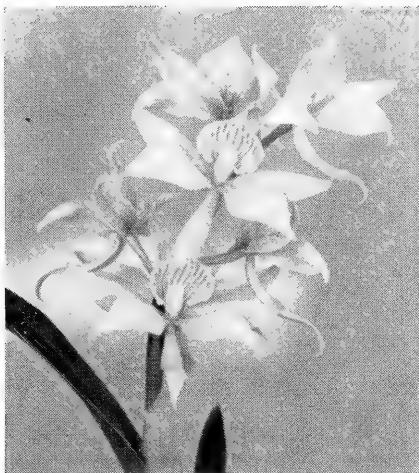
Flowering size—5.00-6.50 In spike—7.50

679 BRASSAVOLA GLAUCA X DIACRUM BICORNUTUM. B. Glauca is a greenish white flowered orchid with some color in lip. D. Bicornutum has long upright flower spike with compact cluster of flowers which are white with markings on the lip. Both fragrant. Will make an interesting bi-generic hybrid.

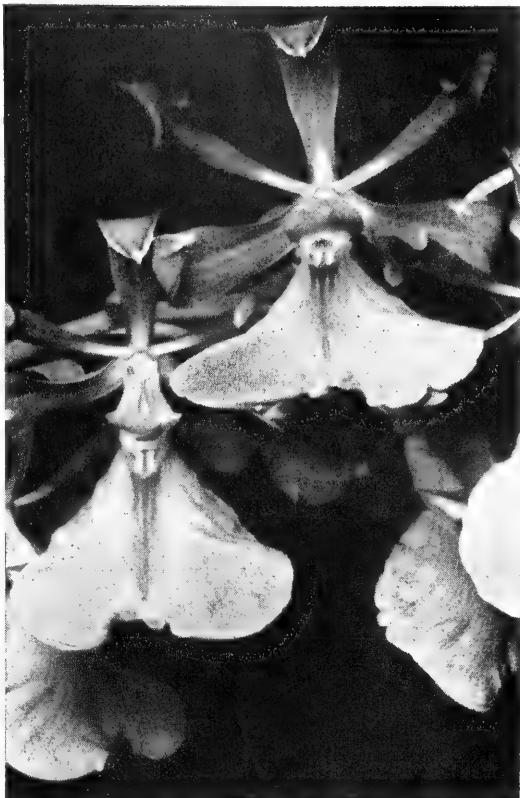
1 3/4"—2.00

BRASSAVOLA LINEATA. A larger pure white lip than B. Nodosa. Sepals and petals cream white. See photo.

Flowering size—7.50



EPIDENDRUM FRAGRANS



EPIDENDRUM ATROPURPUREUM ▷



BRASSAVOLA NODOSA (Lady of the Night). Greenish white flowers. Blooms in the fall. Fragrant at night. Wonderful for patio or porch.

Blooming size—3.00-4.00 In spike—5.00

BRASSAVOLA NODOSA—Selfed. A very large-lipped type was used.
2 1/4"—2.00

CALANTHE—See page 40.

CYCNOCHES—See page 77.

DENDROBIUMS—See pages 30-33.

EPIDENDRUM ATROPURPUREUM (Spice Orchid). Fragrant flowers last for 6 weeks, flowering March thru May. Has grey sepals and petals. Variety Randii has a white and rose lip. Variety Roseum has two-toned rose lip. Plants not labeled as to variety. Flowers 2-3 inches wide, 5 to 12 flowers per spike. See photo.

Medium plants—4.00-5.00-6.50 In spike—7.50

#611 E. ATROPURPUREUM—Selfed. A selected dark lavender-purple lip, bronze sepals and petals.
1 3/4"—1.50 2 1/2"—2.50

EPIDENDRUM FRAGRANS. Very fragrant—greenish-white flowers, bars of purple in lip. See photo.
4"—5.00—6.50 In spike—7.50

REED-STEM EPIDENDRUMS—See page 39.

EPIDENDRUM TERETIFOLIUM. Flowers yellowish green. Slender terete stems. Lip is peculiarly fleshy at point.

5.00

HEXISEA BIDENTATA. Brilliant vermillion flowers on jointed pseudobulbs (6" to 8"). See color photo.
AOS Bul., Feb. 1957, p. 110.

5.00



Above: **HAEMARIA DISCOLOR VAR. DAWSONIANUS**

(Jewel Orchid)



TRICOPILIA SUAVIS

JEWEL ORCHIDS—HAEMARIA DISCOLOR—(Anoectochilus Discolor). Old World ground orchid grown for its gorgeous foliage of dark velvety reddish-green. Veins are coppery red. Flowers are white, blooms in January and February. Grow in equal parts of cut osmunda and sphagnum moss with some finely crushed pot sherds and pieces of charcoal, few rubbed oak leaves. Use small pots, plants may go dormant in winter and lose leaves. Warm loving, 60-65 at nite in winter, grow in shade, free of drafts. See photo page 36.

Very rare; single division plants—7.50—10.00

LYCASTE CANDIDA VAR. LAWRENCIANA. A delightful small orchid. Flowers are 2", produced single on 3" stem from base of pseudobulbs in spring. White fleshy sepals and petals with blushing bride rose color in center.

6.50—8.50

NOTYLIA BARKERI. An attractive small plant with a pendent flower spike in early spring. Flowers are white with slight green tinge.

5.00

ONCIDIUMS—See pages 37, 38, 39.

PERESTERIA—See page 40.

PHAIUS—See page 40.

PHALAENOPSIS—See page 72.

RENANTHERAS. See page 29.

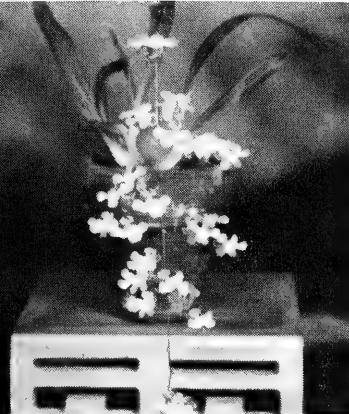
RODRIGUEZIA SECUNDA. Spring. Arching sprays of dark rose pink flowers 6" to 12" long. Lip darker. Compact grower.

6.50-8.50

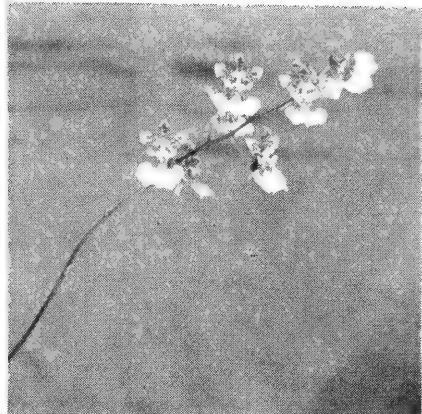
TRICOPILIA SUAVIS. Creamy white flowers with large ruffled lips, spotted with purple. Grow with Cattleyas. Water well when growing May-November. Flowers in spring. See photo.

Flowering size—5.00-6.50 In spike—7.50

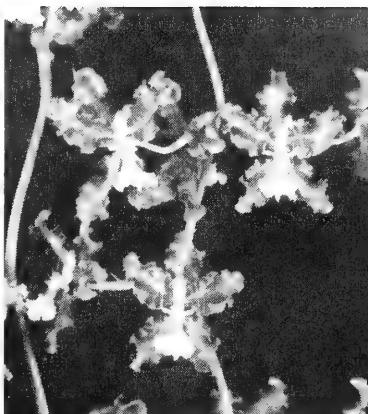
NOTE: We have a few other species orchids from time to time. If you want certain plants, write us for quotations.



ONCIDIUM CHEIOPHORUM



ONCIDIUM TETRAPETALUM



ONCIDIUM POWELLII

TOM THUMB ORCHIDS

ONCIDIUM CHEIOPHORUM. The small bright yellow-flowered scape is longer than the 4 to 6 inch plant. Flowers are fragrant. See photo above.

ONCIDIUM IRIDIFOLIUM (Pusillum). A fine rare dwarf species without pseudobulbs. Leafed growths are fan shaped. Height of plant 3". Flower size of a dime, pale yellow, spotted with bright red. Summer.

ONCIDIUM PULCELLUM. Flower scapes slender and branched 12-18" high. Flowers white, flushed with rose. The lip is large, size of quarter, with yellowish spot in front of the crest. Summer blooming.

ONCIDIUM TRIQUETRUM. Flowers less than an inch wide, purple, green and white.

ONCIDIUM TETREPETALUM. Plants 3-6" high. Dainty white and brown flowers (See photo.)

EPIDENDRUM RAMOSUM. White tinged red.

JACQUINELLA GLOBOSA. Flowers cream color. Plant 3" to 5".

ISOCHILUS MAJOR. White to magenta.

LOCKHARTIA PALLIDA. Cream.

MAXILLARIA FRIEDRICHSTAHLII. Greenish-yellow.

PLEUROTHALLIS FULGENS. Bright red.

PLEUROTHALLIS GROBYI. Yellow and crimson.

SCAPHYGLOTTIS MESOCOPIS. White.

STELIS HYMENANTHA. Greenish-yellow.

Tom Thumb Prices: 3.50 each. Flowering size.

3 plants, your selection, 9.75

NOTE: For other Tom Thumb orchids see our list of Rare Botanical Orchids below.

RARE BOTANICAL ORCHIDS

We offer unusual orchids that once belonged in the greatest private orchid collection in this country. These are collector's items for growers who appreciate rare and different orchids. Flowers of fascinating colors, sizes and shapes are included.

The plants are labeled as to genus, not as to species. Plants must be of our selection, but if you state preference as to genera, we will do our best. Please indicate your first and second choices. We will select for you as many different kinds of orchids as the number of plants you order (no two alike). These are offered at very low prices because identifications are not complete. You may be able to identify the varieties as they bloom by comparing flowers with descriptions in orchid books.

The following genera are available: (* indicates Tom-Thumb orchids.)

***BULBOPHYLLUM**

ERIA

***PLATYCLINIS**

***CIRRHOPELALUM**

***MAXILLARIA**

***PLEUROTHALLIS**

COELOGYNE

***PHOLIDOTA**

POLYSTACHYA

EPIDENDRUM

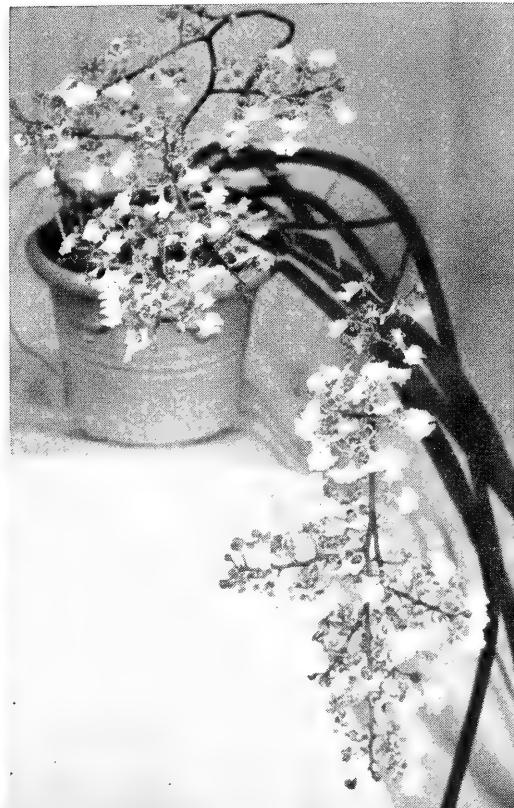
***PHYSOSIPHON**

***STELIS**

Prices: 4.00 each; 3 for 11.00



ONCIDIUM AMPLIATUM VAR. MAJUS



ONCIDIUM STIPITATUM

ONCIDIUM SPECIES

ONCIDIUM AMPLIATUM VAR. MAJUS. Large, bright yellow flowers produced in abundance on long branching spikes that may be 3 to 5 feet long. March-May. Feed during growing season. See photo.

Flowering size—5.00-7.00-10.00-12.50

In spike—7.50-10.00-15.00

ONCIDIUM ANSIFERUM. Pseudobulbs flat ovals like angel-fish. Long spikes of canary yellow flowers spotted-red-brown. Rare.

Flowering size—6.50 In spike—7.50

ONCIDIUM CABAGRAE. Free flowering spikes of yellow and brown flowers.

5.00-7.50

ONCIDIUM PANAMAENSIS. Similar to *O. sphacelatum*. Yellow.

Flowering size—4"—6.50 In spike—7.50

ONCIDIUM POWELLII. This is a rare species. The flowers are large and resemble an *Odontoglossum*. The sepals and petals are very curly. Chocolate-brown. See photo page 37.

Flowering size—12.50

ONCIDIUM SPECIES. Spring. Intermediate between *Ceboleta* and *Stipitatum*. See photo page 40.

Flowering size—6.50

ONCIDIUM SPLENDIDIUM. The "dancing lady" orchids named because of the bouffant yellow skirts. Brown-spotted sepals and petals. Many flowers on tall erect spikes. December-February. Long-lasting. Water weekly when growing. Water only once a month in fall when resting before blooming.

Flowering size—5.00-6.50—In spike—7.50

ONCIDIUM STIPITATUM. Long cigar-shaped pseudobulbs. Flowers yellow "dancing ladies" each about size of a nickel in compact clusters. Rare. See photo page 38.

3 1/2"—5.00-6.50 In spike—7.50

See also **TOM THUMB ONCIDIUMS** page 37.

ONCIDIUM HYBRIDS

0748 O. JAVA X O. FORBESII. O. Java (flexuosum x varicosum, Rogersii) is a small and large flowered cross of bright golden yellow color. Forbesii has large flowers with chestnut brown sepals and petals margined in yellow. Will be late summer and fall flowering.
1 3/4"—2.50 2 1/2"—3.50

0752 O. SPLENDIDUM X O. HAEMTHOCHILUM. The latter is a natural hybrid of lanceanum x luridum. Will make a beautiful mid-winter and spring spray of yellow, brown and purple flowers.
1 3/4"—2.50

0757 O. COMETE (O. Splendidum x O. Cavendishianum). Spring. Made with an all yellow Splendidum and a green Cavendishianum. Should be an interesting color combination.
1 3/4"—2.50

0758 O. CEBOLETTA X O. SPLENDIDUM. Spring. Flowers should be intermediate in size with yellow with red-brown spotting.
1 3/4"—2.50

0760 O. SPLENDIDUM X LANCEANUM. Spring. A striking flower can be expected here.
0435 1 3/4"—2.50 2 1/2"—3.50

0762 O. CRISPUM X O. JAVA. Crispum has greenish-brown sepals, rich chestnut brown petals with lip same color and spotted yellow with red base. Should tend to flower in fall.
1 3/4"—2.50

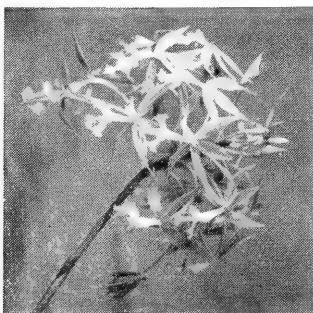
No quantity discounts on Oncidium Hybrids.

REED-STEM EPIDENDRUMS

These Epidendrums have beautifully colored flowers and are very easy to grow. Plant in Ease Tanbark. Give as much sun as possible. Hang outdoors in summer. Water every day. When growing feed every 2 weeks and once a month in winter.

EPIDENDRUM ORANGE KING x Selfed. The largest flowers and flower head (6" across base) we know about. It came from a famous private collection in this country without a name. Sepals and petals are orange with yellow at base of lip. See photo.

1 3/4"—3.00



Colors: pink, fuchsia, orange, lavender, yellow, red. Solid mixed colors only.

Single Stem plants, potted—1.50

Aerial Offsets 1.00 each; 12 for 8.00

Postpaid USA for 12 only

EPIDENDRUM RADICANS. Bright red-orange 1/2 inch flowers in clusters during spring and summer. Plants may grow 4-5 feet tall eventually, but begin flowering at about 1 foot. Grow in bright sun, spray daily, and provide stake for support.

Single Stem plants, potted—1.00

4-5 cuttings per pot—3.00

Aerial Offsets 75c each—12 for 6.00

(Postpaid in USA) 12 only

EPIDENDRUM WHITE SELFED. Seedlings will bloom in rainbow pastels. **2 1/4"—1.50**

EPIDENDRUM YELLOW SELFED. Will bloom in various shades of yellow. **2 1/4"—1.50**



PHAIUS GRANDIFOLIUS



RENANTHERA COCCINEA

See Page 29.



ONCIDIUM SPECIES

See Page 38.

TERRESTRIAL ORCHIDS (Grown in Soil)

PHAIUS

PHAIUS GRANDIFOLIUS (The Nun Orchid). A charming evergreen terrestrial orchid from Asia. Easy to grow as a houseplant. Flowers February thru April. Many flowers per spike. Flowers $2\frac{1}{2}$ to 3 inches wide. White on back, brown on front. Lip veined with purple. Wonderful for corsages or as a decorative plant. See photo. Culture instructions sent with order.

Flowering size—7.50

Unflowered, to flower in 1 year—5.00

CALANTHE

Terrestrial orchid from India. Grow in soil like any house plant. Flowers on long arching sprays from Thanksgiving to New Years. White and pink varieties, unnamed. Culture instructions with order.

Flowering size—5.00—6.00

Dormant, unpotted bulbs—3.00 (Feb. and March only)

PERISTERIA

PERISTERIA ELATA. The "Holy Ghost" or "Dove" orchid so called because of the image in the flower. Flowers are fragrant 2-3" across, waxy white, Fall. Grow in rich soil and feed during growth and keep watered. See photo.

7.50—10.00—12.50



PERISTERIA ELATA

Bargain Collections

FLOWERING SIZE PLANTS

These collections are of outstanding value and are especially recommended for beginners. All plants are flowering size, some in bud or sheath, and are good hybrids of our choice. Will be selected for flowering in different seasons of the year. All plants established in clay pots. Individual prices per plant range from \$7.50 to \$25 each. All plants named varieties. (No discount on collections)

COLLECTION #1 — 4 plants (minimum value \$40).....\$25.00

2 lavender Cattleya hybrids
1 white-colored-lip Cattleya hybrid
1 Spray Orchid

COLLECTION #2 — 6 plants (minimum value \$75).....\$50.00

4 different lavender Cattleya hybrids
1 white or white-colored-lip Cattleya hybrid
1 Spray Orchid

COLLECTION #3 — 10 plants (minimum value \$100).....\$75.00

6 different lavender Cattleya hybrids
2 white-colored-lip Cattleya hybrids
1 pure white Cattleya hybrid
1 Spray Orchid

COLLECTION #4 — 3 Cypripediums (minimum value \$32.50).....\$25.00

1 yellow or brown
1 green
1 reddish bronze or purple

DISCOUNTS ON CATTLEYA SEEDLINGS

POT SIZE	LIST PRICE	5 FOR	10 FOR
1 3/4"	1.50	1.25 each	1.00 each
	2.00	1.75 each	1.50 each
	2.50	2.25 each	2.00 each
2 1/2"	3.00	2.50 each	2.00 each
	4.00	3.50 each	3.00 each
3"	5.00	4.50 each	4.00 each
	6.00	5.50 each	5.00 each
3 1/2"	7.50	6.75 each	6.00 each
	8.50	7.75 each	7.00 each

3" COMMUNITY POTS—15-20 plants

LIST PRICE	2 FOR	3 FOR
10.00	18.00	25.00
12.50	22.50	32.00
15.00	27.00	37.50

If you choose to take SEEDLING DISCOUNT as above, then percentage discounts shown below will NOT apply.

If you are ordering assorted sizes in quantities less than listed above, or larger plants—list your plants at catalog prices and then take percentage discounts on the total amount of order.

Discounts on this page are the only discounts we give on orchid plants regardless of whether purchaser is an amateur or a commercial grower.

PERCENTAGE DISCOUNTS ON ORCHID PLANTS

Percentage discounts do not apply to a few rare items or selected plants which are already priced as low as possible. Send order for confirmation before sending money.

\$50.00 to \$249.00.....	10%
\$250.00 to \$499.00.....	15%
\$500.00 to \$999.00.....	20%
\$1000.00 and over.....	30%

Tropical Foliage Houseplants



BROMELIADS

The Bromeliads are among the most adaptable of all houseplants because they hold water between their leaves and don't suffer from dry indoor conditions. Will grow in light or shade. Plants are very modern in form and gorgeous in color. They are highly decorative even when not in flower.

When mature, a flower spike of unusual shape and color rises from the center of the plant and may last for several months. After flowering the main plant eventually dies, but suckers are produced to replace it.

Bromeliads may be grown in osmunda fiber or Ease Tanbark. All will grow in leafmold, sharp sand, and peat. Keep center filled with water, spray foliage occasionally, and water at roots at least once a week. Feed monthly with Liquid Orchid Fertilizer or Ortho-Gro. Asterisk (*) indicates new variety.

Bromeliad collectors are invited to join the Bromeliad Society at \$3.50 per year including the bulletin. Miss Victoria Padilla, 647 S. Saltair Ave., Los Angeles, is Secretary. **See book list for Cultural Handbook on Bromeliads.**

AECHMEA FASCIATA (The Urn Plant). The leaves are sea-green striated with frosty white. Edges toothed. The flower spike comes in late summer from center of urn with pink bracts interspersed with French blue flowers that turn purple and rose. The flowers last 3-5 months. See photo above.

3"—2.00 4"—4.00—6.00—8.00

AECHMEA HYBRID "FOSTER'S FAVORITE". Striking, highly polished, wine-red leaves with green at base. Deep blue flowers in winter. Flower spike develops blue berries which last for months. Easily grown. See photograph above.

3"—1.00 4"—2.50 5" flowering size—3.50-4.50

AECHMEA X MAGINALI (A. Miniata discolor x A. Fulgens discolor). A lovely new hybrid with maroon color underside of leaves and applegreen on top side. Flowers in May and June on erect spike. The bracts are salmon-red and flowers brilliant blue very striking combinations. Fruit is a round orange-brown berry lasting into fall. See photo above.

4"—3.00—4.50—6.00



AECHMEA MARIAE REGINAE—Flowers tipped blue on a tall spike, half its length covered with rose-pink 4 inch long bracts. Leaves green shaded in rose bronze underneath.

5"—3.50—5.50

AECHMEA MARMORATA—Referred to as "Grecian Urn" because of its tubular graceful shape. Leaves have reddish-brown blotches and bars. Nodding flower stalk produces violet-blue flowers with bright pink bracts. See color photo back cover.

4"—3.50—5.50

AECHMEA ORLANDIANA—Flowers in winter with orange spike and white flowers. Zigzag mottlings of dark chocolate against the pale green background of leaf. See color photo back cover.

3"—1.50 4"—3.00

AECHMEA X ROYAL WINE (A. Miniata Discolor x A. Victoriaeana Discolor). A royal introduction of startling contrasts. Underside of leaves are brilliant burgundy wine color. Top side of leaves are apple green. Flower spike pendent with brilliant blue flowers. Berries are blue and long lasting. See photo.

4"—3.00—4.50—6.00

AECHMEA SCHULTESIANA—Strawberry color with green coming thru. A remarkable fruit of white and blue berries which lasts for several months. See color photo back cover.

4"—3.50 5"—5.50

AECHMEA SPECIES—very similar to A. Orlandiana described above.

4"—3.50

BILLBERGIA X FANTASIA. A fantastic new hybrid introduction. Cream colored markings on light green background. Improved Saundersi. See photo back cover.

4"—3.00 4.50 6.00

BILLBERGIA HORRIDA X B. EUPHEMIA. A graceful Grecian urn shape. Background is dull strawberry with horizontal bands of silver-grey. See color photo back cover.

4"—3.00—4.50—6.00

***BILLBERGIA ZEBRINA**—A contrasting color pattern of silver-grey, tan and green on outside of leaves. The spike curves downwards with greenish flowers and pale salmon bracts. See photo page 44.

4"—3.50—5.50

CRYPTANTHUS BIVITTATUS (Rosea-Picta). A spectacular, star-shaped, prostrate plant with decided stripes and a salmon-rose color. Very attractive on a coffee table.

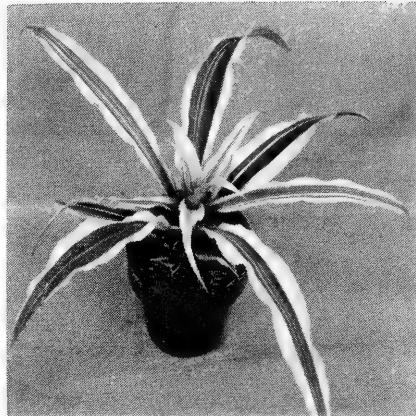
3"—75c



BILLBERGIA ZEYRINA



CRYPTANTHUS HYBRIDS



CRYPTANTHUS BROMELIOIDES VAR. TRICOLOR

CRYPTANTHUS BROMELIOIDES VAR. TRICOLOR. Multicolor rainbow foliage. Choice. See photo above.
3"—2.00 4"—3.50

CRYPTANTHUS FOSTERIANUS. New species. Beautiful color design.
4"—3.00

CRYPTANTHUS FOSTERIANUS HYBRIDS. Similar to parent. See photo above.
4"—2.00—2.50—3.00

CRYPTANTHUS HYBRIDS. No two alike. See photo above.
4"—2.00—2.50—3.00

CRYPTANTHUS LACERDAE (Silver Star). This is a distinctly new star in plant oddities. The leaf is an emerald-green with a frosty band of white down the center.
3"—1.00

NEOREGELIA HYBRID (Painted Fingernail). Green leaves of this rosette-type plant are tipped with red. Blue flowers, generally appearing in spring, remain low in the cup. Can serve as a natural vase when not in flower. (See photo back cover.)
4"—small plants (6"-8" high)—2.00-3.00 (postpaid cont. U.S.A. 2.98).
5"—specimen—4.50-6.50

NEOREGELIA HYBRID VAR. PINKIE. This painted fingernail has predominant pink leaves.
4"—3.00—5.00

NIDULARIUM AMAZONICA HYBRID. Apple green top surface, dubonnet underside. Very attractive. New.
4"—3.00-4.00

QUESNELIA ARVENSIS. A handsome upright cylindrical flower spike, bracts watermelon pink, flowers deep purple. Leaves green and serrated. See photo page 43.
4"—3.50—5.50

VRIESIA CARINATA HYBRID MARIE (Painted Feather). Solid green leaves. Flat feather-shaped spike of bright red and yellow bracts, keeps fresh for 6 months in winter. An exciting houseplant. See photo page 43.

4"—Flowering size—7.50 To flower in one year—5.00
Plants in flower (Nov.-March)—Postpaid Cont. U.S.A. 8.95

VRIESIA SPLENDENS (Flaming Sword). A beautiful green plant with mahogany stripes. Flower spike tall, flat, and brilliant orange. Spectacular. Rare. Plant does not sucker like other Bromeliads but makes new plant in its own center. See color photo back cover.

Flowering size—12.50—15.00
Seedlings—6.00 To flower in 1 year—10.00

PHILODENDRONS

Philodendrons are perfect plants for indoor decoration because of their attractive foliage and their durability. They can stand the dry conditions of today's building and will grow with or without much daylight.

We are extremely proud to introduce the new Self-Heading Philodendrons. These plants do not climb, but radiate their growth from a central crown. They are suitable for indoors as the more familiar vining types, but generally more useful because they do not need supports. We are listing several new hybrids. * indicates new variety.

Culture: Keep moderately moist. Give at least one good soaking per week and water immediately if necessary. Mulch with peat or sphagnum to slow drying out. Wash foliage once a month with damp cloth. Feed with liquid fertilizer monthly. We recommend alternate feedings of Ortho-Grow and Vitaponex Fertilizer.



SELF-HEADING PHILODENDRONS

PHILODENDRON AURICULATUM. A compact grower of graceful, gorgeous shape. New. See photo.
4"—2.50 5"—4.00

PHILODENDRON BIPINNATIFIDUM. Resembles *P. Dubium* but leaves are twice as large and deeply notched. Very tropical design. See photograph page 46.

4"—2.50 6"—5.00-7.50 8"—10.00-12.50 10"—15.00-20.00

PHILODENDRON CANNIFOLIUM. A rare plant. A very striking aroid that is ideal for interior decoration. Slow growing, will last for years. (Formerly spelled *Cannaefolium*.) See photo above.
4"—3.00 5"—5.00-6.00

P. CRENULATUM. New. An outstanding self-heading species. Leaves are deeply notched with a pronounced wavy edge. See photo page 46.

4"—2.50 6"—5.00-7.50

PHILODENDRON EICHLERI. King of the self-heading philodendrons. Large elephant ear with scalloped edge. See photo page 46.

6"—7.50 8"—10.00-15.00



PHILODENDRON BIPINNATIFIDUM



PHILODENDRON EICHLERİ

PHILODENDRON EVANSI (P. Speciosum x P. Selloum). A choice new specimen for the real modern look. A semi-self-heading type with slight pink color on underside of new growth. Similar in habit to P. Eichleri and looks like it. See photo of P. Eichleri below.

4"—2.50 6"—5.00-7.50

***P. EVANSI X P. EICHLERİ**—a grand new hybrid. Large leaves. A tough plant.
4"—3.00 6"—5.00-7.50

P. FANTASY (P. Evansi x P. Selloum)—cold resistant. Gorgeous leaf pattern.
4"—3.00 6"—5.00-7.50

PHILODENDRON FOSTERIANUM (P. Species #1 x P. Bipinnatifidum). Heavy webbed leaves on long stems. Will produce as many as 25 per plant. Very rugged. Most effective where large plant is wanted. See photo.

4"—2.50 6"—5.00-7.50 8"—10.00-12.00 10"—15.00-20.00

***PHILODENDRON LONGISTILUM**—Very similar to Wendlandi. Leaves underside are rich red wine color—topside are green. Striking plant. See photo page 48.
4"—3.00 5"—5.00

46



PHILODENDRON EICHLERİ



PHILODENDRON
FOSTERIANUM



PHILODENDRON LYNETTE



PHILODENDRON LYNETTE. Fine addition to the self-heading type. Similar in habit to *P. Wendlandi* except leaves are crinkled horizontally. See photo.

4"—3.00 5"—5.00

PHILODENDRON MacNEILIANUM (P. Species #1 x P. Selloum). An attractive cold-resistant hybrid. See photo.

4"—2.50 6"—5.00-7.50

PHILODENDRON MAGNIFICUM (P. Eichleri x P. Selloum). An excellent cross that will give a desirable large leaf, combining cold resistance and leaf design.

4"—3.00 6"—5.00-7.50

PHILODENDRON MELINONI. Rare. Compact grower, will attain much wider spread. Ideal accent plant. See photograph.

4"—3.00 5"—5.00

***P. SAGITTIFOLIUM.** New. A species from Mexico that attracts attention. Short internodes. Very heavy texture.

4"—3.00 6"—5.00-7.50

PHILODENDRON SELLOUM. A popular Brazilian species. Cold-resistant and can stand slightly below freezing. Large, notched leaves. See photograph.

4"—2.50 6"—5.00-6.00 8"—7.50-10.00 10"—12.50-15.00

47



PHILODENDRON
MELINONI



PHILODENDRON SELLOUM



Above left: P. WEND-IMBE



PHILODENDRON HYBRIDS ABOVE

Back row: (P. WENDLANDI X HASTATUM) X P. BRENSII; P. IMBE X HASTATUM;

P. TEMPTATION X AURICULATUM

Bottom row: P. LONGISTILOM,

P. GIGANTEUM X P. IMBE

Opposite page top row: P. SPECIES #1 and P. WENDLANDI are self-heading philodendrons. Lower pictures are vine-type philodendrons. See following pages.

PHILODENDRON SPECIES #1—Big indented leaves on strong stems. Attractive. See photo page 49.
4"—2.50 6"—5.00-6.00

PHILODENDRON WARSCEWICZII - GOLDEN SELLOUM. A self-heading extravaganza that stops the parade of Philodendrons. Green gold leaf color.
4"—25.00—Limited. On order only.

PHILODENDRON WEND-IMBE (P. Wendlandi x P. Imbe). A semi-self-heading type with slight pink color on underside of new growth. Similar in habit to P. Orlando. See photo.
4"—2.50 6"—5.00-7.50

***P. WENDLANDI X P. AURICULATUM.** New. A lovely upright grower with many leaves.
4"—3.00 6"—5.00-7.50

PHILODENDRON WENDLANDI. An ideal houseplant. See photo. Broad spatula-shaped leaves coming from central crown. Does not climb. Durable. Grows beautifully indoors in light or shade. See photo page 49.

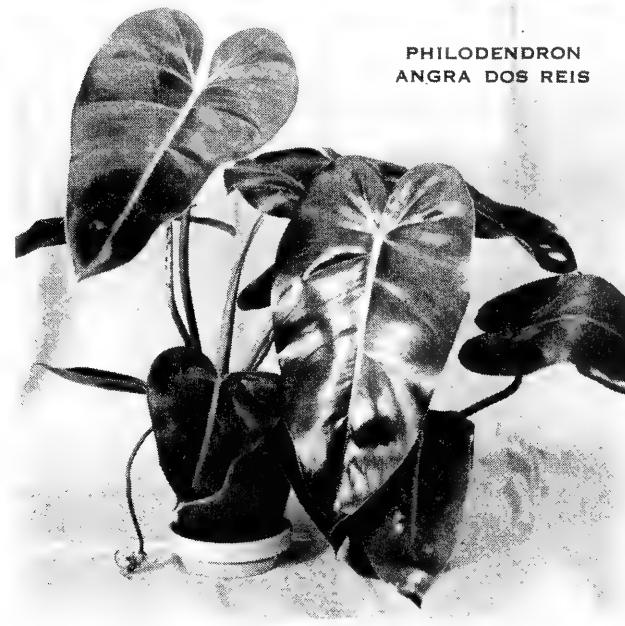
4"—2.50-3.50 5"—3.50-5.00 6"—7.50-10.00

***PHILODENDRON WENDLANDI VARIEGATA**—Green and white variegation on the leaves.
4"—12.50 (Limited)

SEMI-SELF HEADING

***P. TEMPTATION X P. AURICULATUM.** A compact upright grower with rose pink color in the new leaves. Everyone admires it. (P. Temptation = P. Wendlandi x P. Mandianum). See photo.
4"—3.00 6"—5.00-7.50

***(P. WENDLANDI X P. HASTATUM) X P. BRENSII.** Another compact grower with upright tough leaves. It will be a real addition for new house plants. See photo above.
4"—3.00 6"—5.00-7.50



Vine-Type PHILODENDRONS

We offer many new and unusual varieties of the more familiar vine-type Philodendrons. These plants need a support or totem. We recommend tree-fern, cork, or sphagnum totem poles. Durable plants, excellent for indoor use, and very decorative.

PHILODENDRON ANDREANUM (Black Gold). The queen of Philodendrons from Colombia. The handsome arrow-shaped leaves are iridescent velvet with yellow veins. Well grown specimens will attain leaves 10 inches wide and 3 feet long. Grow moist and warm, feed once a month.

Totems 5"—3 to 5 leaves—**6.00-7.50**

Totems 6"—6 to 8 leaves—**10.00-12.50**

Rooted cuttings (3 leaves)—**3.50**

PHILODENDRON ANDREANUM VAR. MELANOCHRYSUM (Black

Gold.) Same color, texture and shape as Andreanum. Leaves half as large. More resistant to cold. (See photo.)

Totems 5"—3 to 5 leaves—**6.00-7.50**

Totems 6"—6 to 8 leaves—**10.00-12.50**

Rooted cuttings (3 leaves)—**3.50**

PHILODENDRON ANGRA DOS REIS. A very fine new species from South America. The stems have maroon spots. Leaf texture is thick and glossy. See photo page 49.

5"—**4.00** **6"**—**5.00 to 7.50**

PHILODENDRON COLOMBIA. Heart-shaped elephant-ear type leaf. Heavy texture. See photo page 49.

4"—**3.00** **5"**—**5.00**

PHILODENDRON CORDATUM. A rugged trailing or climbing vine that may be grown in soil, moss or water. Considered the best of all house plants.

3"—**.60, 3 for 1.50**

4"—**1.50, 3 for 4.00**

PHILODENDRON CRUENTUM (Redleaf.) One of the most startling colored leaf Philodendrons. The back of the leaf is a clear red mahogany while the top surface is clear green. See photograph page 53.

4"—**2.50, 3 for 7.00**

PHILODENDRON FLORIDA (P. Squamiferum x P. Lacineatum).

The sensation of Philodendron hybrids. Much heavier texture than either parent. Creamy-white areas near mid-rib of leaves. See photo page 51.

4"—**2.50** **5"**—**4.00**

Totems 7.50—10.00—15.00

PHILODENDRON FRIEDRICHSTAHLI (Monstera Friedrichstahli).

Dark green leaves with multiple holes. Compact growth gives solid green effect. (See photo.)

Totems 6"—**6.50** **10"**—**10.00-12.50**

Rooted Cuttings—**3.50**

***P. GIGANTEUM X P. IMBE**—It is tops for heavy texture and flush of pink in new growth. Will hold up under adverse locations. See photo page 48.

4"—**3.00** **6"**—**5.00-7.50**

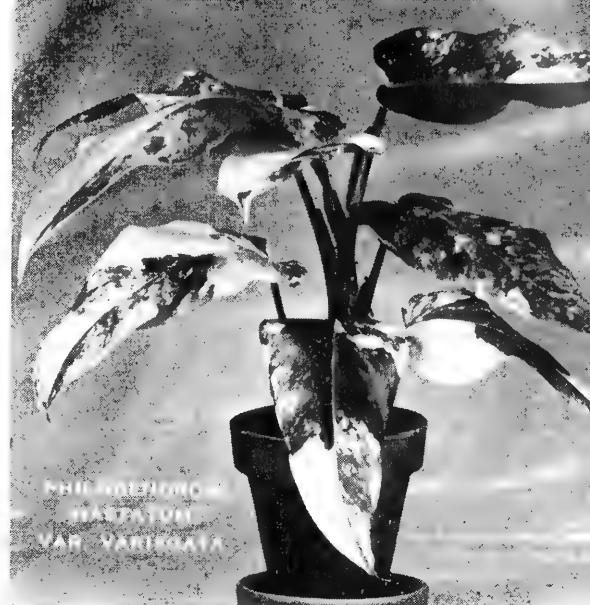
PHILODENDRON HASTATUM. A favorite. Has large glossy dark jade leaves. A fine totem subject.

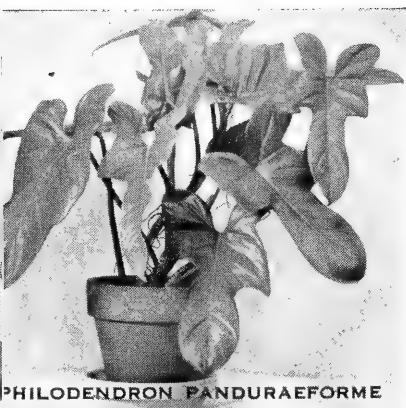
4"—**1.50** **5"**—**2.50, 3 for 7.00**

Totems 7.50—10.00—12.50



PHILODENDRON FRIEDRICHSTAHLI





PHILODENDRON PANDURAEFORME



PHILODENDRON PITTIERI



PHILODENDRON
SPECIES

PHILODENDRON HASTATUM VAR. VARIEGATA. Spectacular yellow and green foliage. New and rare. Limited supply. See photo page 51.

4"—5.00 5"—7.50-10.00

PHILODENDRON IMBE. Similar to *P. HASTATUM* in leaf pattern but the underside of leaf is dark maroon in color. Leaves are heavy as chamois skin. See photo page 51.

5"—3.00, 3 for 8.00

***P. IMBE x P. HASTATUM**—A good combination. Both parents are favorites. Heavy texture compact growth. See photo page 48.

4"—3.00 6"—5.00-7.50

P. IMBE X P. SQUAMIFERUM. New. Similar to *Auriculatum* x *Imbe* in texture, compactness and reddish color. However, the leaf is different. See photo. Totems page 53.

4"—3.00 6"—6.00 Totems—7.50-10.00

PHILODENDRON LACINEATUM. Exotic leaf. See photo page 51.

4"—2.00 Totems—7.50-10.00

PHILODENDRON MAMEI. Beautiful variegated green and grey heavily veined leaf. Pink stems.

4"—5.00

PHILODENDRON MANDIANUM. This satin green heart-shaped foliage plant is one of the most attractive of the newer hybrid Philodendrons. The growing tip and stem is of a reddish hue which contrasts beautifully with darker green matured leaves. See photograph page 49.

4"—1.50 5"—2.50-3.50

Totems—7.50—10.00-12.50

PHILODENDRON PANDURAEFORME. Here is a truly exotic foliage plant with no two leaves alike. The irregular-shaped leaves of olive green will hold your attention. Unsurpassed for interior decoration. See photo.

4"—1.50 5"—2.50-3.50

Totems—7.50-10.00

PHILODENDRON PERTUSUM. The most popular Philodendron after *P. Cordatum*. It is often confused with *Monstera Deliciosa* because the leaf patterns are similar. *Pertusum* does not have trunk or leaves as large as *Monstera* and leaves are not as perforated. Stands up well under any condition. See photo page 51.

5"—3.00-4.00

6"—4.00-5.00

MONSTERA DELICIOSA (Swiss Cheese Plant). See photo page 51.

6"—pot size—5.00-6.00

8"—pot size—7.50 to 10.00

PHILODENDRON PITTIERI. A new introduction. Texture of leaf is extremely glossy and heavy. A pleasing solid apple green. Beautiful on cork totems. It will tolerate dry conditions very well. (See photograph.)

4"—1.50

5" on totem—3.50-4.50

***PHILODENDRON SPECIES.** A new unidentified species. Compact, yet large leather-like leaves. See photo.

5"—4.00 6"—6.50

PHILODENDRON SQUAMIFERUM. An exotic plant of spectacular leaf design from French Guiana. Referred to as anchor leaf or Malayan Kris. The petiole or stem is covered with a red pubescence (hairs). See photo page 49.

4"—(3 to 5 leaves)—2.00

5"—(5 to 6 leaves)—3.50

6"—(6 to 8 leaves)—6.50



PHILODENDRON SODIROI. The coloring is a combination of slate grey with darker olive green areas which gives a silvery mottled effect in shades of green. Stem is a red color. Excellent for the smaller pottery containers and planters in the home or can be planted under orchid benches in the greenhouse for ground cover to help maintain humidity. (See photo.)

3"—.85 3 for 2.50 small leaves only

4"—2.00 large leaf

Totems 3.50-4.50 large or small leaf

PHILODENDRON VERRUCOSUM. Exotic multicolor satin sheen. Maroon undersides. The handsomest of all Philodendrons. See photograph.

Rooted cuttings (2-3 leaves)—3.50

5" totem (3-5 leaves)—5.00-7.50

PHILODENDRON COMBINATIONS. We have combination plantings of assorted Philodendrons and tropical vines that are handsome specimens. Established on totems in wooden tubs, 24 and 30 inches tall. (See photos.)

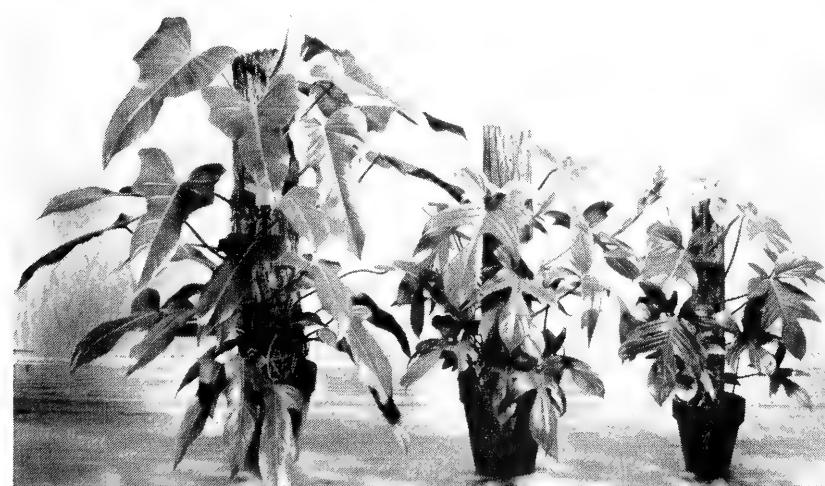
7.50 10.00 12.00 15.00

Top right: BELCHNUM GIBBUM
(Lomaria Gibba)

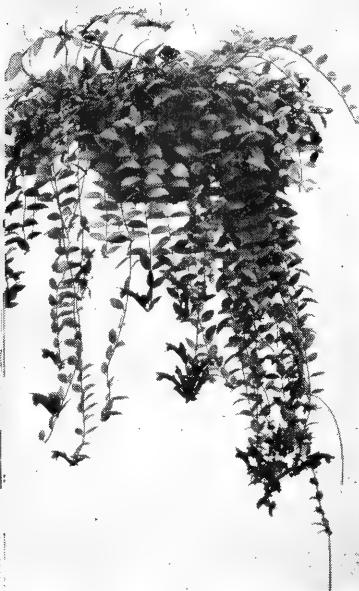


53

PHILODENDRON TOTEMS Below (Left to Right)
P. IMBE X P. SQUAMIFERUM — P. FLORIDA — P. LACINEATUM



PHILODENDRON
CRUENTUM



Above: AESCHYNANTHUS



AGLAONEMA MARANTIFOLIUM
TRICOLOR



AGLAONEMA
PICTA

Below: AGLAONEMA OBLONGIFOLIA CURTISII



DECORATIVE FOLIAGE PLANTS

ADIANTUM WRIGHTII (Maidenhair Fern). Considered one of the finest maidenhair ferns in cultivation.

4"—2.00 5"—3.00, 3 for 7.50

AESCHYNANTHUS LOBBIANS (*Trichosporum Lobbianum*). Leaves shiny dark green, flowers scarlet with a dark purple cup-like base. **Lipstick vine**. See photo top left.

3"—1.50 6"—3.50

AGLAONEMA MARANTIFOLIUM TRICOLOR. Attractive foliage with feather design and leaf petioles are pink, fruit bright red berry. (See photo.)

4"—5.00

AGLAONEMA OBLONGIFOLIA CURTISII. A rare Chinese Ever-

green—large eventually, but very slow growing. A silver spreading design on a bluish-green background. (See photo at left.)

3"—5.00 4"—10.00 5"—15.00

AGLAONEMA PICTUM. Unusual form of Chinese Evergreen. Gray and white. Easy to grow. (See photo.)

3"—2.00

AGLAONEMA ROEBELINII. See *Schismatoglottis*. Photo Page 61.
4"—2.50 5"—3.50, 3 for 9.00 6"—5.00

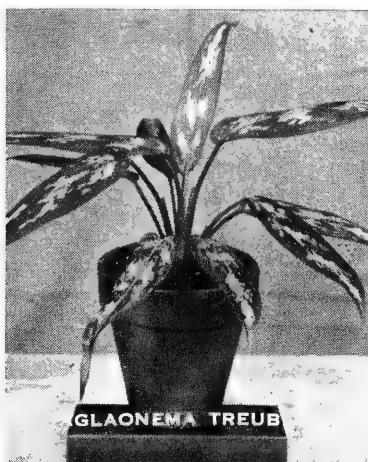
AGLAONEMA TREUBI. Narrow pointed leaf with light green background and creamy-green variegation. (See photo.)
4"—2.00

ALOCASIA—See page 64.

ANTHURIUM—See page 65.

APHELANDRA CHAMISSONIANA. Erect growing with broad white band in middle of leaf. Flowers are bright yellow and bracts are same. Handsome as foliage or flowering plant. See photo page 55.

4"—2.50



AGLAONEMA TREUBI



APHYLLANDRA CHAMISSEI



ARALIA BALFOURIANA. Erect plant. Attractive round leaves edged with white.

3"—.60, 3 for 1.50

ARALIA ELEGANTISSIMA. Dark, lacy leaves. Grows tall and narrow. Extremely decorative against light background. See photo.

3"—1.50 4"—3.00—5"—5.00

ARALIA FILICIFOLIA. A finely cut leaf that is very decorative. See photo.

3"—1.00

ARALIA QUINQUEFOLIA. An Aralia with dark green oak-like foliage. See photo.

3"—1.00

ARALIA SPECIES. An unknown species with cut leaf design changing as leaf grows older. See photo.

3"—1.00

ARAUCARIA EXCELSA. (Norfolk Island Pine). Compact tiered, star-shaped branches. Used for miniature trees. See photo.

5"—5.00 6"—7.50

ASPLENIUM NIDUS (Bird-Nest-Fern). Evergreen fronds, sturdy texture. Easy to grow. Keep moist.

4"—2.50 5"—3.50

BEAUCARNEA RECURVATA (Nolina recurvata). Sometimes referred to as "Bottle Plant" because of the large swollen base.

3"—1.00 6"—6.00

BLECHNUM GIBBUM (Lomaria Gibba). An exotic tree fern, dwarf in habit. Fronds deeply toothed—24 to 30" long. Dark green color. See photo page 53.

6"—5.00 2 gal. metal containers—7.50-10.00

CARISSA GRANDIFLORA VAR. NANA COMPACTA. A dwarf Natal Plum without spines. Flowers are like white stars and fragrant with scarlet fruit that is edible. See photo.

3"—2.50



ELATOSTEMA



ARAUCARIA EXCELSA



**CARISSA GRANDIFLORA
VAR. NANA COMPACTA**



CALATHEAS

CALATHEAS. Small, decorative plants that grow in shade. Keep moist and warm always. Often identified as Marantas. See photos. Cannot ship in cold weather.

4" — 2.00, 3 for 5.50 5" — 3.00, 3 for 8.00

CALATHEA LIETZEI. Light green feather design in center of leaf. Purple underside. See photo.

CALATHEA LOUISA. Satiny, wavy leaves marked grey. See photo.

CALATHEA VANDENHECKEI. Satiny surface marked with white like a skunk. Wine red underneath. See photo.

CALATHEA INSIGNIS. Small plant with narrow, light green leaves spotted with olive-green patches. Dark maroon underside. Spectacular. See photo.

4" — 3.00

CALATHEA MAKOYANA. A gorgeous leaf with olive-green blotches above, on underside the blotches are pink. The area between blotches upper side is silver with tiny cross hatched lines, beneath cream colored. See photo.

4" — 5.00

CALATHEA ORNATA VAR. ROSEA LINEATA. A striking leaf with parallel pink or white stripes set at an angle to the midrib. Purple underneath. See photo.

4" — 2.00 No quantity discount.

CALATHEA WARSCEWICZII. Upper surface a velvety texture with feathered areas of dark green, beneath purplish. Striking plant. See photo page 57.

4" — 5.00

CTENANTHE OPPENHEIMIANA. Closely allied to Calathea. Leaf pattern attractive. Silver-feathering along midrib of upper surface in a crow-foot pattern. Under surface rose-pink. See photo.

4" — 3.00

CALATHEA PHOTO LEFT

Top row left to right: C. INSIGNIS, C. ORNATA VAR. ROSEA LINATA, C. VANDENHECKEI.

Center row left to right: C. MAKOYANA, CTENANTHE OPPENHEIMIANA, C. LOUISA, C. ACUMINATA.

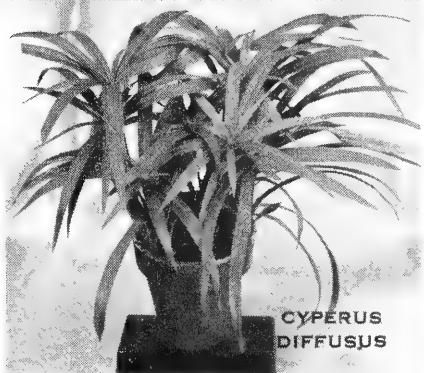
Bottom row left to right: C. PRINCEPS, C. LIETZEI, C. MEDIA-PICTA, C. ZEBRINA, C. VANDENHECKEI VAR. LENERT.



CARYOTA
MITENS



CHAMAEDOREA
ERUMPENS

CALATHEA
WARSCEWICZIICYPERUS
DIFFUSUS

CARYOTA MITIS (Fishtail Palm). One of the finest indoor palms. Several branches from base. See photo page 56.
4"—3.00 6"—5.00 (24"—30" tall)

CHAMAEDOREA ERUMPENS. An excellent house plant. Grows tall slender stems. One of the finest new palms. See photo page 56.
6"—5.00

CHAMERANTHEMUM GAUDICHAUDII. A lovely creeper, leaves 3" long with silver grey on dark green leaf.
3"—1.00

COLLINIA ELEGANS. Dwarf palm. Wonderful for indoors. Can grow in shade.
3"—.75; 3 for 2.00 8"—12" tall
4"—3.00 5"—5.00

COLUMNEA GLORIOSA. A vining tropical gesneriad with bright 3" orange-red flowers with yellow. See photo.
3"—1.50 6"—3.50

COLUMNEA HIRTA. Another vining gesneriad with 3" flowers of vermillion marked orange. See photo.
3"—1.50 6"—3.50

CROTONS—See page 70.

CYPERUS DIFFUSUS. Dwarf Umbrella Plant 6" to 10" tall. Will stand moist or dry conditions. See photo.
3"—1.50

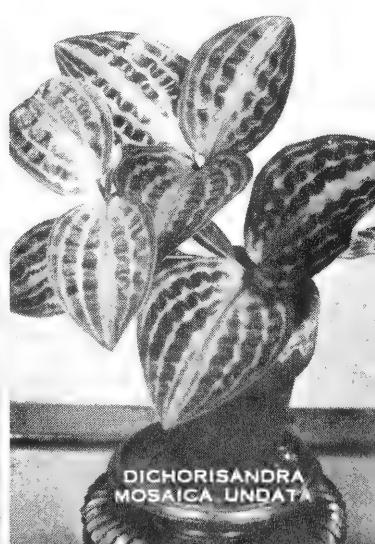
DICHORISANDRA MOSAICA UNDATA (or **Geogenanthus undatus**) "Seersucker Plant." Crinkled green and black leaves, purple undersides and stems. Low growing for coffee table use. See photo.
3"—1.00 (postpaid Cont. U.S.A. 1.98)

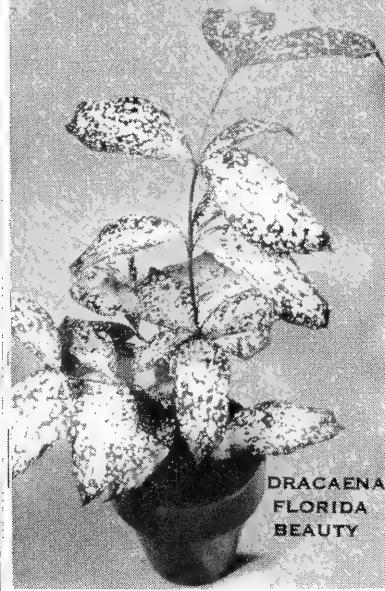
DIEFFENBACHIAS—See page 66.

DIPLAZIUM
ESULENTUM

DIPLAZIUM ESCULENTUM. A lovely semi-dwarf Tree Fern from India with notched fronds. Same culture as Birds-Nest Fern. See photo.

5"—3.50 6"—5.00-7.50

DICHORISANDRA
MOSAICA UNDATA



DRACAENA
FLORIDA
BEAUTY



DRACAENA
GOLDIEANA



FICUS
ELASTICA

DRACAENA BAUSEI. White band down middle of leaf, margins green.

4"—2.00 5"—3.50 6"—5.00

DRACAENA FLORIDA BEAUTY. A seedling sport from D. Kelleriana. Large areas of creamy-white. MOST BEAUTIFUL markings of any Dracaena. See photo.

4"—2.00

DRACAENA GENERAL PERSHING. New center leaves are creamy-pink turning to vermillion. Striking color combinations.

4"—2.50 5"—3.50-5.00

DRACAENA GODSEFFIANA. Branching. Rich dark green leaves densely marked with creamy white spots, very hardy houseplant.

3"—.75; 3 for 2.00 4"1.50; 3 for 4.00

DRACAENA GOLDIEANA. One of the rarest Dracaenas known. Never plentiful even in native Africa. Gorgeous design. Silver green cross bands on green background. See photo.

4"—15.00

DRACAENA (Hybrid Ti from Hawaii). Highly colored in fall. Grow in light location to maintain color.

4" seedlings (10-18" tall, bushy)—2.50

DRACAENA TERMINALIS VAR. EUGENE ANDRE (Cordyline Terminalis). Hawaiian Ti Plant. Broad green leaves that turn red for Christmas if grown in enough light.

4"—2.50 5"—3.50-5.00

DRACAENA WARNECKI. Fine white with green stripe down center. Opposite to D. Bausei.

4"—2.00 5"—3.50 6"—5.00

EPISCIA—See page 68.

FICUS DECORA. A very handsome F. Elastica type, but with more oval leaf. New foliage in sunlight is a dark red color. See photo.

6"—5.00-7.50 8"—10.00-12.50

FICUS PANDURATA—(FIDDLE-LEAF RUBBER.) Keep wet at roots or lower leaves may drop. Handsome large-leaf plant for bold effect. See photo.

5" (18-24")—4.00-5.00

6" (24-30")—7.50

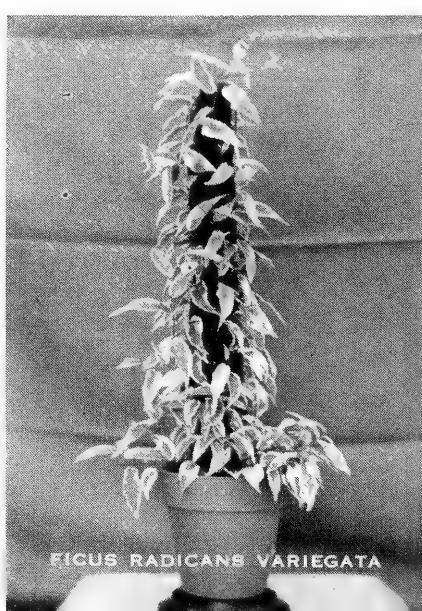
8" (36-42")—10.00-12.50

FICUS RADICANS VARIEGATA. Small creeping vine, cream markings. See photo.

3"—.75 24" Totem—5.00



FICUS PANDURATA



FICUS RADICANS VARIEGATA



PELLAEA
ROTUNDIFOLIA

FITTONIAS



F. VERSCHAFFELTII VAR. PEARCEI (top);

F. VERSCHAFFELTII (lower left);

F. ARGYRONEURA (lower right)

FITTONIA ARGYRONEURA. "Nerve plant." Nile green leaf, many white veins. Creeping vine. Small. Keep moist.

See photo.

4"—1.25; 3 for 3.00

FITTONIA VERSCHAFFELTII. Similar to Argyroneura but with red veins. Keep moist. Ground cover.

3"—1.00

FITTONIA VERSCHAFFELTII VAR. PEARCEI. Similar to Verschaffeltii but with larger bright green leaves with light bright carmine veins. Ground cover, keep moist. See photo.

3"—1.00

GEOGENANTHUS.—See page 57.

HOFFMANNIA.—See page 67.

HOYA CARNOSA VARIEGATA. Variegated wax plant. Unusual flowers.

3"—.75

IXORA CHINENSIS—A brilliant red head of flowers—leaves somewhat like a gardenia.

4"—3.00

KAEMPFERIA ROSCOEANA. Ginger family. Silky leaves. Lavender-pink flowers size of a quarter. A new flower every day. Dry off in fall, rest, repot in spring. Known as Peacock Plant. See photo.

4"—2.00

MARANTA LEUCONEURA MASSANGEANA. A charming low growing plant. A pearl-grey green background with silver feather design down midrib of leaf. See photo.

3"—1.50

MUSA CAVENDISHII. Dwarf lady finger banana. Delicious fruit.

6"—4.00

MUSA VELUTINA. A dwarf banana with erect pink flowers and soft pink fruits. Reaches a height of three feet.

6"—5.00

PELLAEA ROTUNDIFOLIA. A compact small fern from New Zealand. Called Button Fern. See photo above.

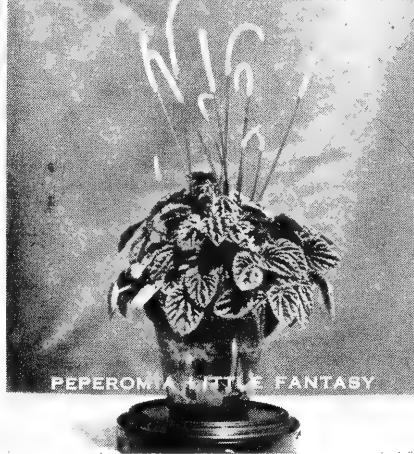
3"—1.50



KAEMPFERA ROSCOEANA



MARANTA LEUCONEURA
MASSANGEANA



PELLIONIA DAVEAUANA. Leaves have light green area along mid-rib, bronze edges. Fine creeper or hanging basket.
3"—.75 3 for 2.00

PELLIONIA PULCHRA. Small vine with purplish leaves and black veins. Purple stems. Keep moist.
3"—.75 3 for 2.00

PEPEROMIA EMERALD RIPPLE. Very similar to Little Fantasy except the leaf is twice as large. Compact grower. Same white flowers.
3"—1.25

PEPEROMIA HEDERIFOLIA. An attractive bright silver foliage with purple cast near center of leaf. New. See photo.
3"—1.00

PEPEROMIA "Little Fantasy". A grand new species that ranks tops for the small coffee table accent. The chalk-white catkin flowers contrast with the 2" wrinkled almost black green leaves. See photo.
3"—1.50

PEPEROMIA "SWEETHEART" (Silver-heart). The heart-shaped leaves are striped with silver much like the round leafed "Watermelon" Peperomia. See photo.
3"—1.25

PLATYCERUM—See page 69.

POTHOS AUREUS VAR. SILVER MOON. Vine with distinctive variegated leaves in marble pattern.
3"—.75; 3 for 2.00

RHAPHIDOPHORA CELATOCaulis (Shingle Plant). Unequalled sided rounded leaves, mature leaves are cut or perforated. Grow on wall or totem. Grow as Philodendron. See photo.

Rooted cutting—2.50 Totem—5.00-7.50

RHAPHIDOPHORA SPECIES (Shingle Plant). Smaller leaves than Celatocaulis and darker green color.
Rooted cuttings—2.50 Totem—5.00-7.50

RHAPIS EXCELSA (R. Flabelliformis). Lady Palm. Another excellent tub palm. See photo.
8"—7.50 (30"-36" tall)

RHEKTOPHYLLUM MIRABILE. Variegated green and white leaves 8-12" long. Rare. See photo page 61.
7.50



RHIPSALIS

Left to right: R. PARADOXA, R. RHOMBEA,
R. SPECIES, R. CAPILLIFORMIS, R. BURCHELLII



RHIPSALIS

RHIPSALIS. Epiphytic cacti often referred to as Mistletoe Cactus because of the berries which may be white or colored. Unusual form. Look exotic when grown in baskets. Grow well in osmunda, tree fern or Ease Tanbark. All offered are spineless. See photo.

3"—1.50 6"—7.50 (after Sept. 1st)

RHIPSALIS CAPILLIFORMIS—Slender cylindrical stems branching called Old Man's Head. Flowers cream-color and small. Berries white.

RHIPSALIS CASSUTHA. The popular Mistletoe Cactus with white berries. Leaves are terete and much branched.

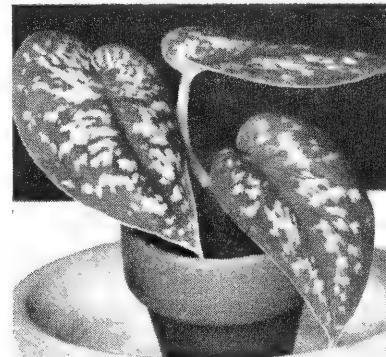
RHIPSALIS PARADOXA. Stems are three angled and zigzagged with aerial roots. Small white flowers.

RHIPSALIS BURCHELLII (PINK BERRY) Lead pencil stems. Pink berried mistletoe cactus.

RHIPSALIS RHOMBEA. Stems flat and rhomboid. Flowers cream with spot inside.

RHIPSALIS SPECIES. Habit like Rhombea but larger leaves.

RHIPSALIS SALICORNIOIDES (Hatiora Salicornoides). Leaves are terete, much branched and club shaped. Flowers salmon colored.



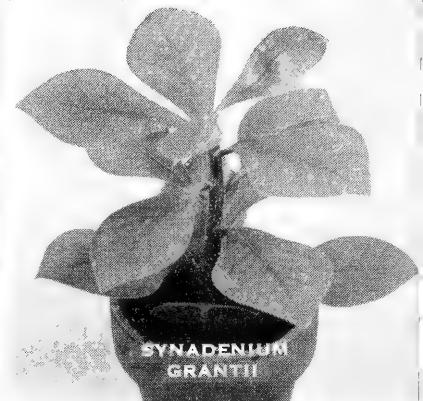
SCINDAPSIS PICTUS
ARGYRAEUS



RHIPSALIS
SALICORNIOIDES

RHIPSALIS
CASSUTHA

SCHISMATOGLOTTIS



SONERILA MARGARITACEA
VAR. MME BAXTAEL

◁ **SANSEVIERIAS UPPER LEFT PHOTO**

Large plant: *S. Goldeana*—small plants, left to right: *S. SILVER HAHNII*, *S. EHRENBURGII*, *S. NELSONII*, *S. HAHNII*

SANSEVIERIA COMPACTA. Short, compact plant. Dark green, yellow margin.

3"—.60; 3 for 1.50

SANSEVIERIA EHRENBURGII. Steel-blue, channeled leaves edged with white. Fan-like pattern. A cast-iron plant. Grows anywhere. See photo.

3"—2.50 4"—3.50

SANSEVIERIA GOLDEANA. A variant of *S. Laurenti* with much darker golden yellow bands on margin of leaves. Released after 20 years of propagation from a single plant. See photo.

4"—2.50

SANSEVIERIA HAHNII. Compact, low-growing. For dish gardens. See photo.

3"—.60; 3 for 1.50

4"—.85; 3 for 2.25

SANSEVIERIA NELSONII. Tall, very dark green pointed leaves. Durable. See photo.

3"—.60; 3 for 1.50 4"—2.00

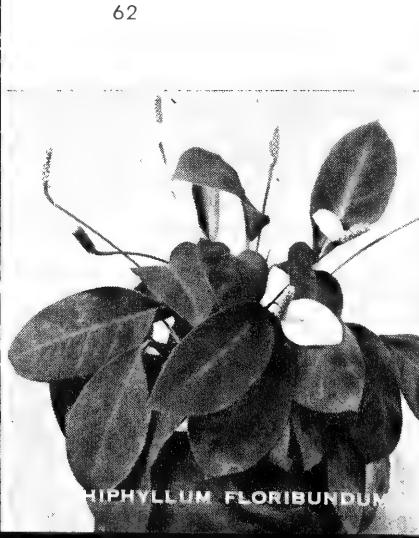
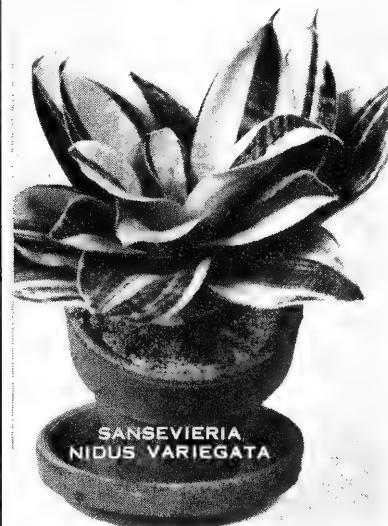
SANSEVIERIA NIDUS VARIEGATA. A handsome variegated short leaved type. See photo.

4"—3.00

SANSEVIERIA SILVER HAHNII. See photo.
3"—.85

◁ **SPATHIPHYLLUM CANDIDUM**

62



SPATHIPHYLLUM FLORIBUNDUM

SYNGONIUM IMPERIAL

SCINDAPSUS PICTUS ARGYRAEUS (Pothos Argyraeus). A neat climber with iridescent dark green leaves and silver spotting. See page 61.

3"—1.00

SCHISMATOGLOTTIS (Algaonema Robelinii). Large upright handsome houseplant. Grows under adverse conditions. See photo page 61.

4"—2.50 5"—3.50; 3 for 9.00 6"—5.00

SONERILA MARGARITACEA VAR. MME. BAXTAELE. A silver veined herb from Malaya with rose flowers. Red-purple underside of leaf. See photo page 62.

3"—3.00

SYNADENIUM GRANTII. Known as the Milk Bush in Africa. Succulent like leaves that have a beautiful rose-pink color. Easily grown. See photo page 62.

3"—1.50

SYNGONIUM IMPERIAL. A bright green-gold leaf. Very heavy texture. NEW. See photo page 62.

3"—1.00

SYNGONIUM WENDLANDI. A small dish garden plant, green arrow shaped leaves centered with silver.

3"—.75

SPATHIPHYLLUM CANNIFOLIUM. Pale green leaves. Large white fragrant flowers. Rare.

4"—3.00

SPATHIPHYLLUM CANDIDUM. Glossy green foliage. Beautiful white flowers in spring. Easy to grow indoors. Likes shade. Feed with Vitaponex Fertilizer. See photo page 62.

5"—3.00 6"—4.00-5.00

SPATHIPHYLLUM FLORIBUNDUM. Dwarf habit. Small white spathe. See photo page 62.

4"—3.50

STENANDRIUM LINDENI. Trailing plant—broad chartreuse veins on a black-green background. Flowers small bright yellow. See photo.

3"—1.50

TACCA CRISTATA (the "bat plant"). Weird black flowers with long tendrils. Gorgeous ribbed foliage. A true exotic. Plants to flower in one year. See photo.

4"—3.00

TRADESCANTIA REGINAE (Dichorisandra Reginae). Erect plant, purplish-crimson leaf centers, silver at edges, purple underneath.

3"—1.00

TRADESCANTIA KEWENSIS (BROWN TEDDY BEAR). Delightful brown pubescent leaves. A fine miniature or hanging basket plant. See photo.

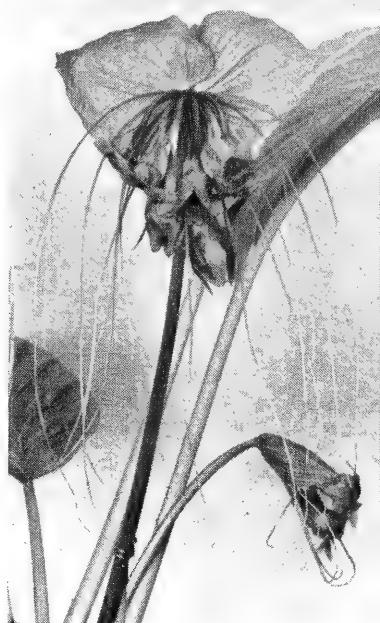
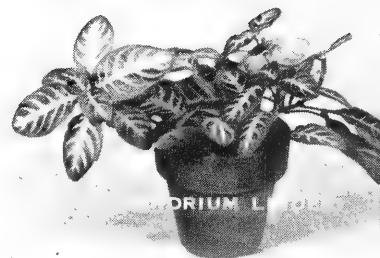
3"—1.50

TREVESIA SANDERI. "Snowflake Plant." A member of the Aralia family. Hardy down to 20 degrees F. See photo page 68. Grows in a handsome rotund shape. Exotic.

6"—6.50 8"—10.00

XANTHOSOMA LINDENII VAR. MAGNIFICA. Handsome tropical aroid, prominent white veins. Grow as for alocasias. See photo page 76.

4"—4.00 5"—7.50



TRADESCANTIA KEWENSIS
(Brown Teddy Bear)

ALOCASIAS

ALOCASIAS—The exotic Alocasias are from tropical Asia. They have heart-shaped leaves in gorgeous patterns. Grow from tubers in sphagnum or peat moss mixed with charcoal or turkey granite. Keep moist all the time and warm (70-80° in day and 60-65° at night). Feed monthly with liquid fertilizer. Cannot ship in cold weather. See photos.

Price—5.00 7.50 10.00

ALOCASIA AMAZONICA (A. Sanderiana x A. Lowii Grandis).

Handsome, white veined leaf. Hybrid vigor makes it a good grower. See photo.

ALOCASIA CHANTRIERI (A. Cuprea x A. Sanderiana). Dark green with pearl grey veins. Back of leaf coppery purple. See photo.

ALOCASIA CUPREA. Most compact species. Heavy, wavy leaves. Maroon-purple, dark shining green front, prominent veins. Leaves 6-10". See photo.

ALOCASIA JOHNSTONII (Cyrtosperma Johnstonii). Leaves are beautifully marked with red veins. Leaf stalk has upward pointing spines.

ALOCASIA LONGILOBA X A. SANDERIANA CLONE No. 1. All propagated from a selected type. Leaves have fine milky-way pattern on purplish green leaf.

ALOCASIA LOWII GRANDIS. Deep metallic brownish-green, grey-green-veins. No. \$5 size.

ALOCASIA LOWII GRANDIS X A. WATSONIANA. Exceptional hybrid. Similar to photo A. Watsoniana.

7.50—10.00—15.00

ALOCASIA LOWII VEITCHII. Handsome. Milky-way pattern. No \$5 size. See photo.

ALOCASIA SEDENII (A. Cuprea x A. Lowii Grandis). Hybrid of two of the finest species. Olive-green with silvery cast, purple beneath.

ALOCASIA WATSONIANA. Queen of the Alocasias. See photo. Limited.

1 size only—15.00

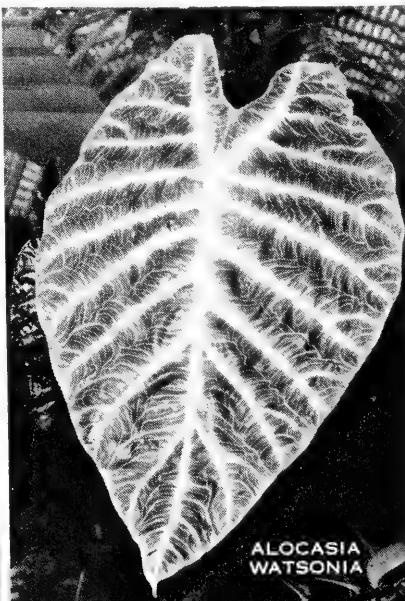
ALOCASIA WAVERIANA. A dark purple lance leaf with waved edges.

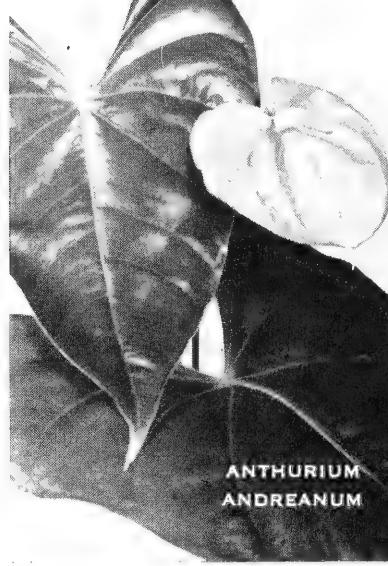
7.50—10.00

ALOCASIA ZEBRINA. Rare, mottled stems.

One size only—15.00

64





ANTHURIUMS

ANTHURIUMS. Grow in leafmold, osmunda or sphagnum moss. Keep damp. Cover aerial roots with sphagnum. Feed monthly with liquid fertilizer. Minimum 55° at night.

ANTHURIUM ANDREANUM. Brilliant patent-leather flowers of red, white, coral or pink. Last for weeks. Plain foliage. See photo.

5"—5.00 6"—6.00-7.50

Selected white or very dark red—5"—10.00

6"—12.00-15.00

Unflowered seedlings (color unknown)

3"—1.50 4"—2.50—3.50

ANTHURIUM CARIBBEAN. A solid green heart-shaped leaf of very heavy texture. Stands a great deal of cold.

4"—2.50 5"—3.50 6"—5.00

ANTHURIUM CRYSTALLINUM. Velvety-shaped leaves with glistening silver veins. Inconspicuous flowers. See photo.

3"—1.50 4"—3.00 6"—5.00

ANTHURIUM FORGETTII. Like Crystallinum but oval leaves. See photo page 67.

3"—1.50 4"—3.00 5"—5.00

ANTHURIUM KALBREYERI. Unusual green leaf pattern.

5"—3.50

ANTHURIUM SCANDENS. Climbing variety. White berries when mature.

3"—1.50 4"—2.50-3.50

ANTHURIUM SPECIES No. 1. A real exotic. See photo.

4"—2.50 5"—4.00 6"—7.50

ANTHURIUM VEITCHII. Rare, wrinkled leaf.

4"—6-15" tall—20.00

ANTHURIUM WAROCQUEANUM. Extremely long velvety leaf with pale green veins. Rare. See photo.

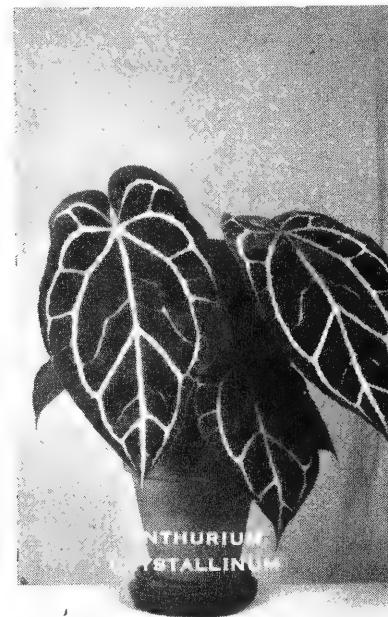
4" (3-4 leaves)—3.50

4" (6-8 leaves)—5.00

5"—7.50-10.00

ANTHURIUM SUBSIGNATUM (Wrightii). A cow-face leaf, fascinating design.

5"—3.50





Top row: D. ARVIDA, D. RUDOLPH ROEHRIS, D. JENMANII
Second row: D. OERSTEDII VARIEGATA, D. PICTA
Third row: D. MEMORIA-CORSII, D. BAUSEI, D. LEONII
Fourth row: D. HOFFMANI, D. LEOPOLDII, D. SPLENDENS



DIEFFENBACHIA
FOURNIERI

DIEFFENBACHIAS

DIEFFENBACHIA. One of the most spectacular houseplants. Large leaves, beautiful markings. Grow in light or shade. Water thoroughly once a week. See photo.

DIEFFENBACHIA ARVIDA. An unusual white leaf pattern. See photo page 67.
Limited. 4"—6.00

DIEFFENBACHIA AMOENA. Similar to D. Picta but larger, heavier leaf. Very tough plant.
5"—3.00-4.00 6"—5.00-6.00

DIEFFENBACHIA BARRANQUINIANA. Bright green spotted white.
4"—4.00

DIEFFENBACHIA BAUSEI: Chartreuse green with yellow and white spots. See photo.
4"—3.00

DIEFFENBACHIA BOWMANNII. Chartreuse mottling. Rare.
4"—4.00

DIEFFENBACHIA FOURNIERI. Rare, Rich green with white mottling. Heavy texture. See photo.
5"—7.50

DIEFFENBACHIA HOFFMANI. Rare. Striking white leaf pattern. See photo.
4"—4.00

DIEFFENBACHIA JENMANII. Unusual white streaks. See photo.
4"—3.00

DIEFFENBACHIA LEONII. Two-tone chartreuse and nile green. See photo.
4"—3.00

DIEFFENBACHIA LEOPOLDII. This is a grand dark green velvet leaf with crinkled segments and a vivid white mid-rib. See photo.
4"—5.00

DIEFFENBACHIA MEMORIA-CORSII. See photo.
4"—5.00

DIEFFENBACHIA OERSTEDII. Rich dark green leaf. New.
4"—2.00 5"—3.00

DIEFFENBACHIA OERSTEDII VARIEGATA. Dark green leaf with white mid-rib. New. See photo.
4"—2.50 5"—4.00

DIEFFENBACHIA PICTA. White spots, green background. Most familiar variety. See photo.
4"—2.00; 3 for 5.50 5"—3.00

DIEFFENBACHIA RUDOLPH ROEHRIS. Creamy-white leaves with dark green veins. See photo.
4"—2.00; 3 for 5.50 5"—3.00

DIEFFENBACHIA ROEHRIS SUPERBA. More white than Picta.
4"—3.00 5"—4.00

DIEFFENBACHIA SPLENDENS. Velvety-green, small white dots. Different. See photo.
4"—3.00



DIEFFENBACHIA ARVIDA

HOFFMANNIAS

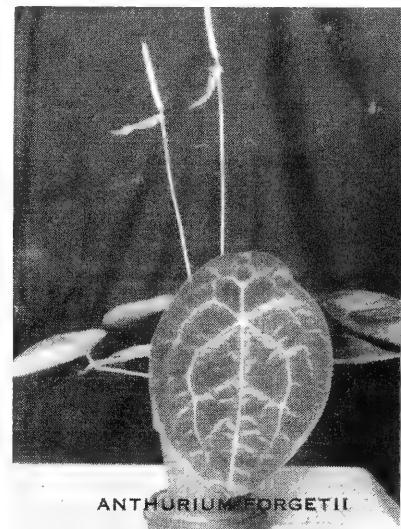
HOFFMANNIA GHIESBREGHTII. Oblong, brown velvety-green leaves, purple-red beneath.
4"—2.50

HOFFMANNIA GHIESBREGHTII VARIEGATA. Oblong leaves, creamy-white with some green blotches.
4"—4.00

HOFFMANNIA REFULGENS. "Quilted Taffeta Plant". Rich silky crinkled foliage, edged with magenta. Old rose beneath. See photo.
4"—3.00 5"—4.00

HOFFMANNIA ROEZLII. A beautiful copper brown leaf with new growth bronze. New.
4"—4.00

HOFFMANNIA VITTATA. New leaves rosy bronze with striking silver streaks. See photo.
4"—4.00



ANTHURIUM FORGETII

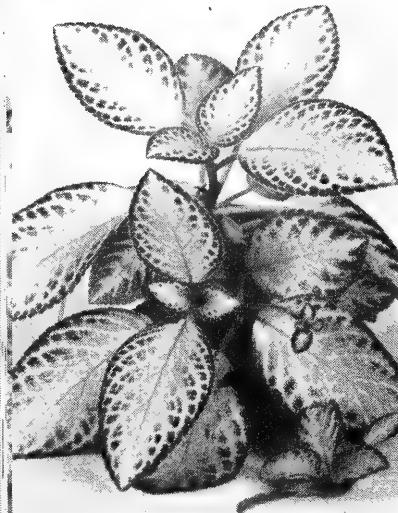


HOFFMANNIAS

Top row: H. GHIESBREGHTII
—H. GHIESBREGHTII
VARIEGATA

Bottom row: H. REFULGENS,
H. ROEZLII, H. VITTATA

EPISCIAS



EPISCIA DIANTHIFLORA



EPISCIA LILACINA
VAR. FANNY HAAGE



EPISCIA TESSELLATA

EPISCIAS. Kin to African Violets, grown like them. Startling foliage. Makes many new plants on runners. Keep moist at all times. At least 60° at night. Feed monthly with Vitaponex Fertilizer. Plant in peatmoss, leafmold, and sharp sand, with granite gravel (turkey grit) for drainage. Grow in shade. Lovely for hanging baskets. Cannot ship in cold weather.

3"—1.00, except as noted

EPISCIA ACAJOU. Silver leaf, very handsome. See photo. New.

EPISCIA CHOCOLATE SOLDIER. Dark brown pattern.

EPISCIA COCCINEA (Fulgida). Brownish hairy leaves, silvery veins. Exotic. Red flowers.

EPISCIA CUPREATA. Hairy copper leaves. Red flowers.

EPISCIA CUPREATA VAR. VIRIDIFOLIA. Plain bright green leaves, red flowers. Best bloomer.

EPISCIA CUPREATA VAR. SILVERSHEEN. Bright silver with darker margins. Red flowers.

EPISCIA DIANTHIFLORA. New species with white flowers resembling carnation pinks. Very faint purple spotting base of throat. See photo.

3"—1.50

EPISCIA EMERALD GEM. All green.

EPISCIA FROSTY. White leaf.

EPISCIA LILACINA. Medium, bronzy leaves, large blue flowers.

EPISCIA LILACINA VAR. FANNY HAAGE. Attractive silvery-green leaves, blue flowers. See photo.

NAUTILOCALYX BULLATUS (Episcia Tessellata). Upright, large glossy, quilted leaves. Yellow flowers. See photo.

3"—1.50

NAUTILOCALYX LYNCHII. Growth habit as Nautilocalyx Bullatus, leaves are a bright dark maroon; flowers creamy.

3"—1.50



TREVESIA
SANDERI

PLATYCYERIUM

ELK'S HORN OR STAG'S HORN FERN

PLATYCYERIUMS are considered the most extraordinary of all ferns. The fertile frond is forked with stag's horn like divisions. The sterile frond grows flat, is bright green and turns brown with age. A new fresh green sterile frond grows over the brown one. They are true epiphytic ferns, grow best on raft, baskets or shallow pans. We fasten plants to a cypress raft using sphagnum moss and dairy manure around their roots. Platyceriums require moderately warm temperatures, 60° at night, but will stand much colder nights and very warm day temperatures. Plants grow in strong light or shade. SOAK plants with water when dry. Feed liquid fertilizers monthly.

PLATYCYERIUM AETHIOPICUM. See photo. 10.00

PLATYCYERIUM ALCICORNE. 7.50-10.00

PLATYCYERIUM BIFURCATUM. See photo.

Small—5.00 Medium—7.50
Large—15.00-25.00

PLATYCYERIUM LEMOINEI. 17.50

PLATYCYERIUM SUMBAWENSE.

Small—7.50 Medium—10.00

PLATYCYERIUM VASSAI. Small—10.00

PLATYCYERIUM VEITCHII. See photo.
Small—7.50 Medium—10.00



PLATYCYERIUM VEITCHII



PLATYCYERIUM BIFURCATUM



PLATYCYERIUM AETHIOPICUM



RARE CROTONS

APPLAUSE. Semi-oak large leaf, very compact, yellow and green on new growth maturing to blush pink.—**5.00**

BRAVO. Semi-oak leaf—deep pink to rose, very compact.—**5.00**

****CAPTAIN GILBERT CUTLER.** Large broad elliptical. Maroon background, heavily veined and blotched in red.—**3.50**

CARIBBEAN STAR. Elliptical medium size, heavily veined, orange red center with green to dark black areas.—**3.50**

****COMMOTION.** Semi-oval large leaf, green and yellow color, aging to pastel pink.—**5.00**

****CUTLER'S #7.** Compact oak leaf, heavily veined in red, short petiole and nodes.—**5.00**

ELIZABETH CUTLER. A very fine new pastel pink.—**5.00**

FASCINATION. Semi-oak leaf, compact—old rose.—**5.00**

****GOLDEN CHORD.** Semi-oak, bright yellow and green, improved Mt. Florin.—**3.50**

****MARY BROOKS.** Semi-oak large leaf, vigorous grower, vivid red veins and color blotching.—**5.00**

NEMBULA. Elliptical large leaf, heavily veined light pink.—**5.00**

****ORANGE BLOSSOM.** Oval leaf. Art shades of orange and yellow.—**5.00**

****RAPTURE.** Semi-oak large leaf, green and yellow maturing to pink. Very large size leaf.—**5.00**

****ROSS CUTLER.** Semi-oak very large size leaf. Maroon background with brighter red veins.—**5.00**

SYBIL GRIFFIN. Very fine, very large semi-oak. Deep pink.—**5.00**

****SUNDAY.** Semi-oak large leaf. Blotches of orange, yellow and red.—**3.50**

****NEW INTRODUCTION**

CROTON HYBRIDS

AMERICA—very large broad oak leaf, red veined, dark maroon to purple. Striking.

CAMEO—delicate pink, semi-oak.

CAROL-ANN CONRAD—large, broad, irregular. Maroon background, heavily veined red.

CHARLES RUTHERFORD—large modified oak leaf, red midrib, maroon-purple background, red patches.

COLONEL BULLOCK—semi-oak, large leaf. Dark pink blotches.

COLUMBIANA—elliptic brilliant carmine, purple and green.

CONFUCIUS—large, broad waved leaf, multiple colors: yellow, red, pink, maroon, green.

DAISY O—elliptical, medium size, good deep red.

DREER No. 7—oak leaf medium size, red to pink irregular pattern. Compact growth.

DR. STEWART—large broad leaf, red, blotched pink.

GENERAL MARSHALL—linear and waved leaf, red midrib and spotted red on maroon.

GLORIOSA—broad large leaf, blotches of red on purple and maroon. Very beautiful and hardy.

HARVEST MOON—broad leaf, yellow midrib, green dominant, white veins.

IRENE KINGSLEY—medium oak leaf, blotches red and maroon.

JUNGLE QUEEN—ovovate leaf, red veined, red, pink and maroon blotches.—5.00

KENTUCKY—irregular leaf, red veined, blotched red on purple. Large foliage.

LIBERTY—jagged oak leaf, red margin, red veins, maroon blotches.

L. M. RUTHERFORD—large semi-oak leaf, consistent pink color.

MARTHA FRANCIS—large, hardy. Similar to Dr. Stewart.

MONARCH—very large broad irregular leaf, brilliant red—maroon to purple.

MOUNT FLORIN—yellow vein, green leaf. Very compact, medium size.

MRS. FERDINAND KOEHL—one of the best of the older oak leaves.

NORMAN ROCKWELL—semi-oak, dark maroon blotched with carmine—striking.

POLYCHROME—best croton for growing in shade. Large leaf, pastel pink.

SPOTLIGHT—narrow irregular leaf, green and yellow with red.

STRAWBERRY—strawberry red, medium size foliage.

REEDII No. I—large, elliptical leaf, pink veins, fast grower.

REEDII No. II—large, elliptical leaf, very hardy, pink veins.

CULTURE: New growth is green, but colors up as it matures. Needs some sunlight. Keep moist, soak soil well at least once a week. Set pot in saucer of sand and keep moist. Best temperature, 60° minimum at night, higher in daytime. Sponge foliage with water once a month. For rapid growth feed monthly with liquid fertilizer and Ortho-Gro alternately.

PRICE: 4" and 5" pots—3.50 to 5.00

CHOICE HIGHLY COLORED HYBRIDS NOT LABELED

4" and 5" pots, 1.50, 2.50 and 3.50



GLORIOSA ROTHSCHILDIANA

GLORIOSA LILY

GLORIOSA ROTHSCHILDIANA (Red Climbing Lily). A splendid low climber, easy to grow; it does well in sun or partial shade. Grows 2-8 feet high, producing gorgeous Lily-like flowers which open a bright yellow and red, but change to a deep scarlet. Plant tuber horizontally 2 1/2 to 3 inches deep, being careful not to break the new shoot at the end of the tuber. Fertilize (with liquid) once a month after new growth breaks thru soil. Use regular potting soil. After flowering vines die down and tubers rest for 2-3 months. They will start to grow again of their own accord. Simply water and fertilize when new growth appears. See photo.

**Giant Tubers—1.50 each (Postpaid Prices.)
4 for 5.00 6 for 7.50**



PHALAENOPSIS MARTHA VAR. EASTER

**PHALAENOPSIS (Moth Orchids)
PINK PHALAENOPSIS HYBRIDS**

551 **P. JUDITH (P. Pink Glory var. Gay Ninety x P. Doris var. Thelma).** This a remake of our cross #427 which has given larger flowers than the normal pink-lavender hybrids. Doris var. Thelma is a pink-lavender form of the white Doris. Color of seedlings will vary in pink-lavender color from dark to blush white. See color photo of one first flowering seedlings of #427.

3"—5.00 4"—7.50-10.00

561 **P. JUDITH (P. Pink Glory var. Pink Cloud x P. Doris var. Thelma).** Similar cross to #551 but a different Pink Glory.

3"—5.00 4"—7.50-10.00

FLOWERING SIZE PHALAENOPSIS—Assorted namea hybrids. Our selection. Specify white or pink-lavender.

10.00—12.50—15.00—17.50

WHITE PHALAENOPSIS HYBRIDS

406 **P. MARTHA (P. Doris var. Charles x P. Elizabethiae var. Palmsfields).** This is a fine white made with our proven Elizabethiae var. Palmsfields and a very heavy textured Doris var. Charles. This should make an even better cross than the first #322 Martha which was outstanding in form and size. See photo.

3"—5.00 4"—7.50-10.00

569 **P. THOMAS TUCKER (P. Karen var. Orchidhall x P. Doris var. Rebecca AM-AOS).** This is a fine white cross made with the proven Doris var. Rebecca which has given excellent form to the flower.

3"—5.00 4"—7.50-10.00

571 **P. THOMAS TUCKER (P. Karen var. Gulf Stream x P. Doris var. Rebecca AM-AOS).** Similar cross to #569 but made with another Karen.

4"—7.50-10.00

643 **P. COURTSHIP X P. DORIS VAR. ROUNDFACE.** Both have fine form and size.
1 3/4"—2.00 4"—7.50-10.00

722 **P. KAREN (P. Avalanche var. Orchidhall x P. Doris var. Superba).** Both are superb.
1 3/4"—2.00

659 **J. JUNO X P. GRANDIFLORA (Philippines).** A selected Grandiflora from island of Palawan.
4"—7.50-10.00

672 **DORITIS PULCHERRIMA (Syn. Phal. Esmeralda).** Selfed. Charming Asiatic species with upright flower stalks 15 to 30 inches. Flowers about 1 inch across, color varies in sepals and petals from light to dark amethyst—lip three lobed usually purple, side lobes orange or brown-red. Foliage brown and spotted. Culture as Phalaenopsis.

1 3/4"—3.50 No quantity discount.



PHALAENOPSIS JUDITH VAR. SWEETHEART



VANDA MANILA

A beautiful pink Vanda, flowers several times a year. Should be in every collection.

See page 26.



FERTILIZERS

EASE TANBARK FERTILIZER—for orchid plants potted in EASE TANBARK (or other barks).

ORCHID VITAPONEX—Developed especially for orchids potted in osmunda, tree-fern or charcoal. The high potash content induces better flowering for orchids potted in these materials. Also excellent for foliage plants.



ORTHO-GRO (fish emulsion)—For orchids potted in osmunda, tree-fern or charcoal. Can be used as alternate feedings with Orchid Vitapone or Orchid Hy-Gro. Fine for foliage plants.

ORCHID HY-GRO—For orchids potted in osmunda, tree-fern or charcoal. Also foliage plants.

SEE GREEN ORDER SHEET FOR PRICES

★

SEND FOR ADDITIONAL ORDER SHEETS

FUNGICIDES & INSECTICIDES

These recommended products are designed for control of a specific fungus, bacteria or insect. If one product does not give control then try another.

FUNGICIDES

ANTI-DAMP—for control of damp-off of seedlings—wash seedlings from flask and drench community pots before planting. Also controls leaf spotting diseases or bacterial wilt on adult plants.

DuPONT DUST—Contains copper and methoxychlor—controls bacterial leaf spotting on phalaenopsis or cattleyas. Not recommended for Dendrobiums. Easy to apply with Handy Squeeze plastic container which can be refilled. Kills some insects.

DuPONT FERMATE—for leafspots. Iron content is beneficial to plant growth.

NATRIPHENE FUNGICIDE TABLETS—damp-off of seedlings—bacterial leafspots—molds—mildews—and rots. For disinfecting soil, pots, flats, benches, tools and equipment. Plants can be dipped or sprayed.

ORTHOCLIDE (CAPTAN)—leafspots and back rot. Use 1 teaspoonful to 1 quart of water.

SEE GREEN ORDER SHEET FOR PRICES ★ SEND FOR ADDITIONAL ORDER SHEETS



INSECTICIDES

All purpose insecticides which should give control of orchid scales, thrips, red spiders, mealy bug and practically all other insects attacking orchids or foliage plants.

D-X AERO-SPRAY BOMB—Easy to use just press lever release down.

HYDROMIX GARDEN INSECTICIDE—contains Malathion and Methoxychlor—especially designed for use with HYDROMIX AUTOMATIC GARDENER UNIT AND MIST NOZZLE.

MALATHION—controls many soft bodied scales.

SUPER-CIDE—contains DDT—Rotenone and Pyrethrum. Dilute with 100 parts water only.

SLUGIT—for slugs and snails. Applied as a liquid drench from sprinkling can.

SLUG-O—for slugs and snails. A powdered bait.

POTTING MIXES FOR ORCHIDS, BROMELIADS AND ALL FOLIAGE PLANTS

OSMUNDA Hobby Bag—(enough for 2-3 plants)

OSMUNDA Bale (dark and light brown mixed) Shipped by Railway Express or motor freight.

MOSTEX (Sphagnum moss) for airlayering and potting.



ORCHID VITA-MIX—complete orchid potting mixture for orchids and bromeliads. Pours easily into the pot. Contains natural ground cork and perlite. Cork has same acidity as osmunda. Use our EASE TANBARK FERTILIZER.

CORLYT (Ground Cork) Seedling orchids, bromeliads and all foliage plants. Instructions included.

VITA-ROX (Coarse Grade Perlite) Orchids, Bromeliads and all foliage plant soil mixtures. Excellent for rooting cuttings. Instructions included. Provides perfect aeration.

VITA-SOIL (Ready-Mix Potting Soil) African violets and all foliage plants.

EASE TANBARK—is a superior potting material for orchids and bromeliads and foliage plant soil mixtures. See page 78.

SLIP-ON LABEL—No wires—Prevents lost labels—Simple to use.—Permenant—see photo.

$\frac{1}{2}$ " x 5" seedlings.

$\frac{5}{8}$ " x 7" mature plants.

White-Red-Yellow-Green-Orange.

HANDY PACKAGE LABELS — 45 Slip-on Labels, 10 pot labels in Assorted colors and 1 Waterproof pencil.



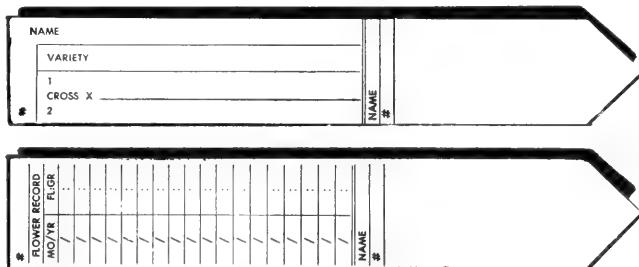
PLASTIC LABELS

ORCHID RECORD POT LABEL

Place to keep record of parentage and cut flower production. 1" x 6". See photo opposite.

White—Red—Yellow—Green

ORCHID POT LABELS — Heavy weight .015 — $\frac{5}{8}$ " x 4" and 1" x 4" — White, red, yellow, orange, blue, green. See photo below.



ONE-HALF SIZE

ACTUAL SIZE $\frac{5}{8}$ " x 4"

All Florida residents add 3% State sales tax.

SEE GREEN ORDER SHEET FOR PRICES ★ SEND FOR ADDITIONAL ORDER SHEETS

ALUMINUM POTTING STICKS

ROUND & TAPERED—for use with osmunda—three sizes available.

EASE TANBARK POTTING STICK—for use with Ease Tanbark—formed handle and one end tapered.

PLANT CLIPS * STAKES * RINGS—See page 79

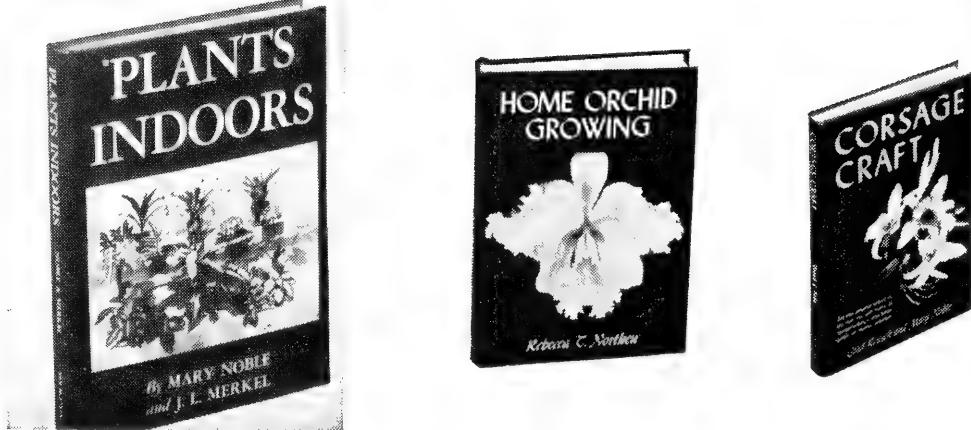
WATER NOZZLES

"400" WATER BREAKER—gives abundance of water without washing the Ease Tanbark out of the pot. Has 400 $1/32$ " holes which gives soft rain effect. Operates best between 25 and 50 lbs. pressure.

FLAT FAN SPRAY—gives gentle rain effect for seedlings without the volume of "400" Water Breaker. Available in steel or brass.

HYDROMIX MIST NOZZLE—attaches to the end of a hose and gives a fan-like mist. Used for spraying insecticides with the Hydromix Automatic Gardener or for humidifying greenhouse.



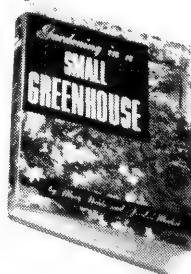


GARDENING IN A SMALL GREENHOUSE, Mary Noble and J. L. Merkel.....	\$4.95
Complete guide to greenhouse operation	
PLANTS INDOORS, Mary Noble and J. L. Merkel.....	\$6.95
Over 200 pictures, how to choose and use plants.	
YOU CAN GROW ORCHIDS, Mary Noble.....	\$1.98
Complete instructions for beginners. Many pictures.	
CORSAGE CRAFT, Glad Reusch and Mary Noble.....	\$3.95
How to make corsages from garden flowers.	
HOME ORCHID GROWING, Rebecca T. Northen.....	\$6.50
For advanced growers. Many photos.	
ORCHIDS AS HOUSE PLANTS, Rebecca T. Northen.....	\$3.50
CULTURAL HANDBOOK OF BROMELIADS.....	\$1.65
By The Bromeliad Society	

Prices postpaid. Florida residents add 3% tax.



See page 63





GREEN SWAN ORCHID (*Cycnoches Chlorochilon*)

GREEN SWAN ORCHID. The unusual flowers of this orchid are 4-5 inches in width, a beautiful **chartreuse green color**, and fragrant. Will send growing instructions.

We will ship Cycnoches August 1 to December 1. They flower October-December.

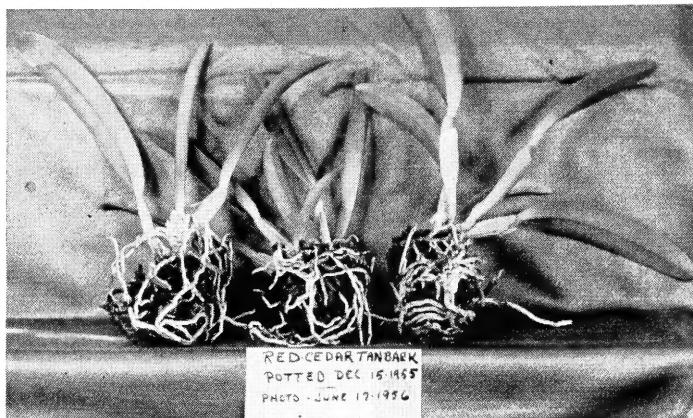
Flowering size—5.00—7.50-10.00—12.50



#833 C. ENID ALBA VAR. BRUNO AM-AOS—See page 22.

POT YOUR ORCHIDS WITH "EASE" TANBARK

What is "EASE" Tanbark?



ORCHIDS LOVE IT. A plant with good roots grows well. Photo above shows roots grown in 6 months in EASE TANBARK.

EASE TANBARK is a superior potting material for your orchids and bromeliads. It is red cedar tanbark. In Australia tanbark has been used for years for growing superb cymbidiums. In nature the red cedar is a favorite home of orchids and bromeliads. It is a natural potting medium.

"EASE" Tanbark's Superior Qualities

1. **EASY TO USE.** Like a cake mix. Just add water. Anybody can pot an orchid in EASE TANBARK.
2. **CLEAN.** NO dirt—NO dust.
3. **ECONOMICAL.** Bag is 3.2 cu. ft. and contains 60% more material than competitive barks in 2 cu. ft. bags at same price. Will pot 80 to 100 6" pots.
4. **STEAM STERILIZED.** NO diseases. NO weeds.
5. **STERILIZING** removes toxic turpens from the wood.
6. **INSECT RESISTANT.** Bugs and bacteria DO NOT like red cedar.
7. **NUTRIENT ANALYSIS.** Has adequate potassium, phosphorus, calcium and magnesium.
8. **ACID.** pH 5.2 near pH of osmunda.
9. **DECOMPOSES SLOWLY.** Will be in good condition when plant outgrows the pot.

How to use "EASE" Tanbark

Kinds of plants: Use EASE TANBARK for potting Cattleyas, Vandals, Cypripediums, Phalaenopsis, Cymbidiums, Epidendrums, Dendrobiums, Oncidiums, Odontoglossums, and other orchid genera. Mature plants, seedlings, even community pots.

Use EASE TANBARK for Bromeliads, African Violets, and Aroids (Philodendrons and Anthuriums), and other tropical foliage plants. Mix 1/3 EASE TANBARK with 2/3 peat moss.

Potting: First wet EASE TANBARK in a wash tub or bucket. Prepare the plant as you would for osmunda. Trim off dead roots, decayed backbulbs and old osmunda. You may leave osmunda on the root ball if it is firm.

Use regular flower pot (with or without slit sides) large enough to allow for two growths.

Place crock over drainage hole and pour in some damp EASE TANBARK. Hold plant in position with base of plant at least 1 inch below rim of pot. Have back bulb tight against edge of pot and space for new growths at front of plant.

Pour dampened EASE TANBARK around plant. Firm it with hands or aluminum EASE TANBARK potting stick.

Tap pot on bench to settle EASE TANBARK around roots and remove air pockets.

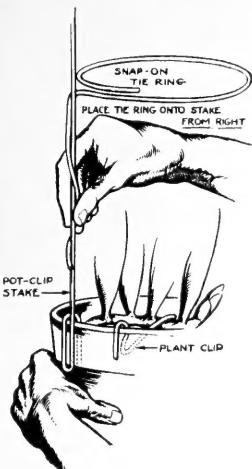
Watering: Water thoroughly right after potting. Water as required to maintain moist condition. Suggest in greenhouses water thoroughly once a week in winter and twice a week in summer plus overhead spraying on sunny days. Do not let plants dry out during period of active growth.

Be sure to saturate material clear to bottom of pot.

EASE TANBARK may look dry on the surface while damp inside the pot and vice versa. Scratch down with fingers to see if plant needs water. When watering, flood top of pot thoroughly, twice if necessary.

Plants grown in the home need watering more often than those in a humid greenhouse, probably twice or three times weekly year round.

Staking: See sketches.



PLANT CLIP holds up rootless plant. Snap clip end over edge of pot, other over rhizome of plant. —See sketch.

POT CLIP STAKE. Push clip over side of pot at growing end of plant. Then turn pot so stake is on opposite side of pot from you. Grasp bulbs and leaves with left hand (like you would pick up a rabbit by the ears). Take SNAP ON TIE RING in the right hand. Slide it over the leaves and adjust to height. Snap onto stake. The SNAP ON TIE RING can be snapped onto pot clip stake with pig tail up to bring ring adjustment lower to pot rim if desired. Bring SNAP ON TIE RING from left to pot clip stake for this reverse operation.

SEE GREEN ORDER SHEET FOR PRICES

Fertilizing: We recommend "**EASE TANBARK FERTILIZER**" a 30-10-10 formula especially designed to use with this and other similar potting mediums.

This fertilizer is made of Food Grade and Pure materials and therefore is highly soluble. Any cloudiness in the solution may be caused from hard water.

Directions on package tells how much to use. Soak pots thoroughly with fertilizer solution. Also water thoroughly between fertilizings with plain water. Apply this fertilizer once a month in winter and twice a month in summer or active growing periods. Maintain regular watering schedule, letting the fertilizing replace one watering. Do not feed orchids that are resting, but seedlings and Vandas which grow continuously can be fed all year.

For simple application of EASE TANBARK FERTILIZER we recommend a HYDROMIX AUTOMATIC GARDENER. See page 2 for description and photo.

INSTRUCTIONS FOR ORDERING

Please use enclosed green order sheet to send in your order. Do not send money first time. We may be out of plants you want. We will check items you wish and sizes, will confirm your order, and return green sheet to you so you can see exactly what plants we have for you. Then please send green sheet to us with check or money order for the exact total due. This system avoids unnecessary correspondance for you and extra bookkeeping for us. **No packing charges.**

Minimum Orchid Order \$5.00. Minimum Foliage Order \$2.00. We reserve the right to limit quantities sold. Discounts allowed on orchids are given on page 41.

Shipping: We recommend shipping by railway express, transportation charges collect. Parcel post is more economical for small orders. We will estimate the postage when confirming your order. Parcel post shipments cannot be insured against frost damage, **only against breakage.** If damage occurs, file claim immediately with express company or postmaster. Our responsibility ends when package is accepted by carrier. We guarantee satisfactory delivery.

Foreign Shipments: We have fulfilled necessary plant regulations to make shipments outside of the U. S. Send your permit with order. Hawaiian orders require a permit for orchid but not foliage plants. Check with your local authorities and inform us of any unusual requirements for shipping plants into your country. **Foreign shipments cannot be insured** regardless of method of transportation. We recommend foreign payments in postal money orders.

ALBERTS & MERKEL BROS., INC.

Route 6, Box 77, Jacksonville 7, Florida, U.S.A.

Cable Address • ALMER, Jacksonville, Florida

The cost of this catalog is 25c. Free to members of Orchid Societies. Write us if you are not on our mailing list.

Hybridizers
and
Growers of
Fine Orchids
for over
42 years

COME TO SEE US

We invite you to visit our nurseries at Mandarin and Boynton Beach, Florida. Mandarin is 13 miles south of Jacksonville. Take state highway No. 13 to Mandarin Super Market, turn right 1 mile. Boynton Beach is 13 miles south of West Palm Beach. Our Nursery is on U. S. 1 one mile south of Howard Johnson's on east side of highway.

EXOTIC BROMELIADS



Top Row—left to right: **BILLBERGIA AMOENA VIRIDIS**—**AECHMEA SCHULTESIANA**—**AECHMEA MARMORATA**—**NEOREGELIA HYBRID**

Bottom Row—left to right: **AECHMEA ORLANDIANA**—**B. HORRIDA X B. EUPHEMIA**—**BILLBERGIA FANTASIA**—**VRIESIA SPLENDENS**

ALBERTS & MERKEL BROS., INC.
ORCHID NURSERIES

RT. 6, BOX 77
JACKSONVILLE 7, FLORIDA
Telephone: Mandarin AM 8-2111

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